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# **POST-REMEDIAL ACTION REPORT FOR WORK PACKAGE 420: CHEMICAL PLANT AREA FOUNDATIONS AND CONTAMINATED SOIL REMOVAL, REMEDIAL UNIT 7**

Weldon Spring Site Remedial Action Project  
Weldon Spring, Missouri

SEPTEMBER 1997

REV. 0

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U.S. Department of Energy  
Oak Ridge Operations Office  
Weldon Spring Site Remedial Action Project

Prepared by MK-Ferguson Company and Jacobs Engineering Group

**MK-FERGUSON**

A MORRISON KNUDSEN COMPANY

Weldon Spring Site Remedial Action Project  
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Area Foundations and Contaminated Soil Removal, Remedial Unit 7

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DOE/OR/21548-667

**Weldon Spring Site Remedial Action Project**

**Post-Remedial Action Report for Work Package 420: Chemical Plant  
Area Foundations and Contaminated Soil Removal, Remedial Unit 7**

**EXECUTIVE SUMMARY**

Revision 0

September 1997

Prepared by

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7295 Highway 94 South  
St. Charles, Missouri 63304**

for the

**U.S. DEPARTMENT OF ENERGY  
Oak Ridge Operations Office  
Under Contract DE-AC05-86OR21548**

## EXECUTIVE SUMMARY

The Chemical Plant Area Foundations and Contaminated Soil Removal Work Package-420 (WP-420) was initiated to remediate contaminated areas within the WP-420 construction limits to facilitate the construction of a on-site disposal facility. Much of the WP 420 area is covered by the disposal facility footprint. Remediation activities included the excavation and removal of building foundations, underground utilities, and associated contaminated soils. Confirmation samples were collected to ensure that remediation of the contaminated areas was completed.

The objective of the remedial action was to ensure that contaminated areas within WP-420 were remediated to meet the cleanup standards stated in the *Record of Decision for the Remedial Action at the Chemical Plant Area of the Weldon Spring Site (ROD)* (Ref. 3). Confirmation soil sampling methodology was developed to ensure the adequate remediation of contaminants of concern (COCs).

The remediation and confirmation sampling process included several activities. Components of the process included characterization data review, COC identification, confirmation plan development, contaminated materials and soil excavation, radiological walkover surveying, confirmation sampling, field oversight, sample analysis, analytical data evaluation, disposition package development, QA/QC review, summary of findings and conclusions, and post remedial action report preparation.

The WP-420 area consisted of five Remedial Units (RU6 through RU10) which were subdivided into confirmation units (CU). Each of the CUs was approximately 2,000 m<sup>2</sup> (0.5 acres) in size, as determined by the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). This Post-Remedial Action Report is the second of five such reports and summarizes the remediation of CUs 51 through 77, which are located within RU7.

COC lists were developed for each CU using historical background information and characterization soil sample results (Ref. 4). COCs identified for RU7 included Radium 226 (Ra-226), Radium 228 (Ra-228), Thorium 230 (Th-230), Thorium 232 (Th-232), Uranium 238 (U-238), arsenic, chromium, lead, thallium, polynuclear aromatic hydrocarbons (PAHs), and polychlorinated biphenyls (PCBs). During the remedial activities at RU7, areas of toluene contaminated soil were encountered. Although toluene was not originally identified as a COC under the ROD, an ALARA goal and cleanup criteria were developed to remediate these soils.

Remedial activities for each CU included the excavation of a predetermined amount of contaminated soil, radiological walkover surveying, and confirmation soil sampling. Additional

soil was excavated and confirmation samples were collected until preliminary results indicated that remediation activities were completed and COC concentrations were below the cleanup standards. The CU was then released for unrestricted use. Once final analytical results were received, the data were compared to preliminary results to verify that the established cleanup standards were achieved.

Due to the proximity of CU53 to the water treatment plant and associated water treatment Ponds 3 and 4, CU53 was eliminated from WP-420 remedial activities. Confirmation Unit 53 will be addressed under a future Work Package.

A summary of final analytical results for WP-420 RU7 is presented below. The table was generated using data set compiled from all samples representing soils left in place.

| Summary of Analytical Results for RU7 in WP-420 |                   |                                     |                        |                       |                           |
|---|-------------------|-------------------------------------|------------------------|-----------------------|---------------------------|
| CONTAMINANT                                     | NUMBER OF SAMPLES | SURFACE ALARA GOAL/CLEANUP CRITERIA | RANGE OF CONCENTRATION | AVERAGE CONCENTRATION | NUMBER GREATER THAN ALARA |
| Arsenic (mg/kg)                                 | 359               | 45/75                               | 1.1-25.6               | 7.92                  | 0                         |
| Chromium (mg/kg)                                | 368               | 90/100                              | 5-30.7                 | 15.76                 | 0                         |
| Lead (mg/kg)                                    | 375               | 240/450                             | 6.4-817                | 17.29                 | 1                         |
| PAH (mg/kg)                                     | 86                | 0.44/5.6                            | ND-2.89                | 0.14                  | 6                         |
| PCB (mg/kg)                                     | 398               | 65/8                                | ND-6                   | 0.05                  | 6                         |
| Ra-226 (pCi/g)                                  | 324               | 5.0/6.2                             | 0.42-2.2               | 1.34                  | 0                         |
| Ra-228 (pCi/g)                                  | 324               | 5.0/6.2                             | 0.3-2.26               | 1.24                  | 0                         |
| Ra-226/228                                      | 324               | 5.0/6.2                             | 0.96-3.7               | 2.58                  | 0                         |
| Th-230 (pCi/g)                                  | 422               | 5.0/6.2                             | 0.09-3.8               | 1.48                  | 0                         |
| Th-232 (pCi/g)                                  | 324               | 5.0/6.2                             | 0.3-2.26               | 1.24                  | 0                         |
| Thallium (mg/kg)                                | 78                | 18/20                               | 0.35-1.8               | 0.53                  | 0                         |
| TNT (mg/kg)                                     | 0                 | 14/140                              | N/A                    | N/A                   | 0                         |
| Toluene (mg/kg)                                 | 3                 | 11,000/60,000                       | ND-3.40                | 1.13                  | 0                         |
| U-238 (pCi/g)                                   | 621               | 30/120                              | 1.1-228                | 5.57                  | 15                        |

As indicated on the table, the RU7 average concentration for each COC is below the ALARA goal and cleanup criteria.

COC averages were also calculated for each of the 26 CUs located within RU7, with the following conclusions. The average COC concentrations within each of the 26 CUs, except for PAHs, were below the ALARA goal. The average PAH concentration was above ALARA at two CUs (CU58 and CU66). The majority of PAH confirmation results to date were less than ALARA, therefore meeting the intent of the ROD and no further action was required. Based upon this information, the ALARA committee released both CUs.

Remedial activities were completed for all 26 CUs located in RU7. Based on analytical results presented above, all 26 CUs were released in accordance with the cleanup standards stated in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5).

DOE/OR/21548-667

**Weldon Spring Site Remedial Action Project**

**Post-Remedial Action Report for Work Package 420: Chemical Plant  
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## 1. INTRODUCTION

### 1.1 Purpose

This report details the field activities and analytical results for the chemical plant area building foundations and contaminated soils removal within Remedial Unit (RU) 7 of the Work Package-420 area (WP-420), at the Weldon Spring Site Remedial Action Project (WSSRAP). WP-420 includes the removal of building foundations, underground utilities, and the associated contaminated soils necessary prior to the construction of the on-site disposal facility. The footprint of the disposal facility will cover much of the WP-420 area.

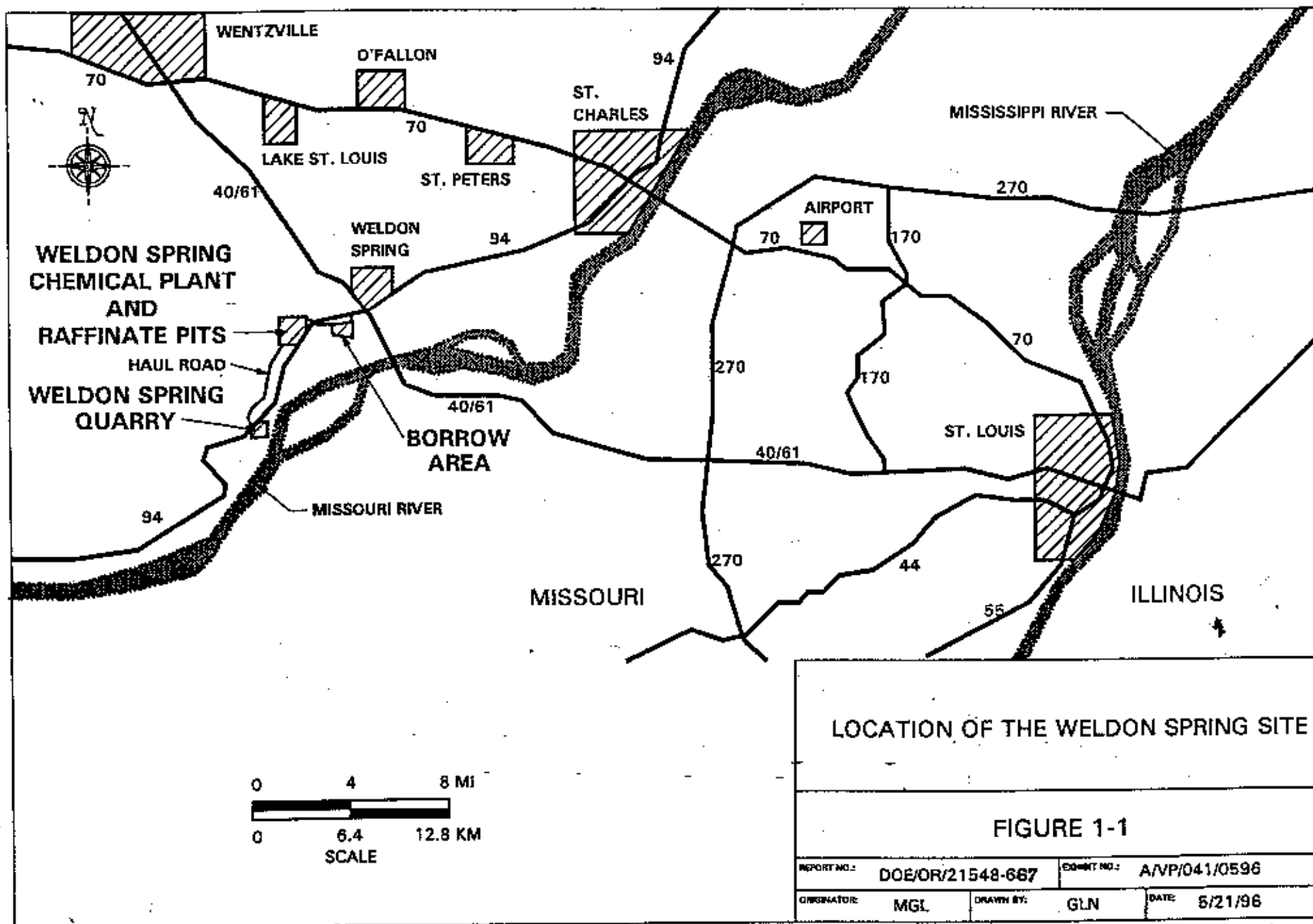
Soil characterization results from the *Remedial Investigation for the Chemical Plant Area of the Weldon Spring Site* (Ref. 1), and the *Supplementary Soil Sampling Plan* (Ref. 2) determined that there were areas within the WP-420 area that contained contaminant concentrations that exceeded as low as reasonably achievable (ALARA) goals and cleanup criteria established in the *Record of Decision for Remedial Action at the Chemical Plant Area of the Weldon Spring Site* (ROD) (Ref. 3). The chemical plant area building foundations and contaminated soils removal was initiated to remove contaminated soils in excess of cleanup standards prior to construction of the on-site disposal facility. Remediation was designed to attain ALARA goals.

### 1.2 Scope

This report describes the remedial activities and confirmation sampling conducted on radiological and chemically contaminated soils within RU7 of the WP-420 area. Soil confirmation sampling was conducted in accordance with the *Confirmation Sampling Plan Details for the Chemical Plant Area Foundations and Contaminated Soils Removal (WP-420)* (Ref. 4). This plan was developed to ensure that the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5) objectives were accomplished, and additionally, to ensure established remediation requirements of the ROD (Ref. 3) were met.

### 1.3 Site Description and History

The WSSRAP is located in St. Charles County, Missouri, about 48 km (30 mi) from St. Louis, on land formerly used by the U.S. Department of the Army (Army) as a trinitrotoluene (TNT) and dinitrotoluene (DNT) ordnance works (Figure 1-1). The 88-ha (217 acre) chemical



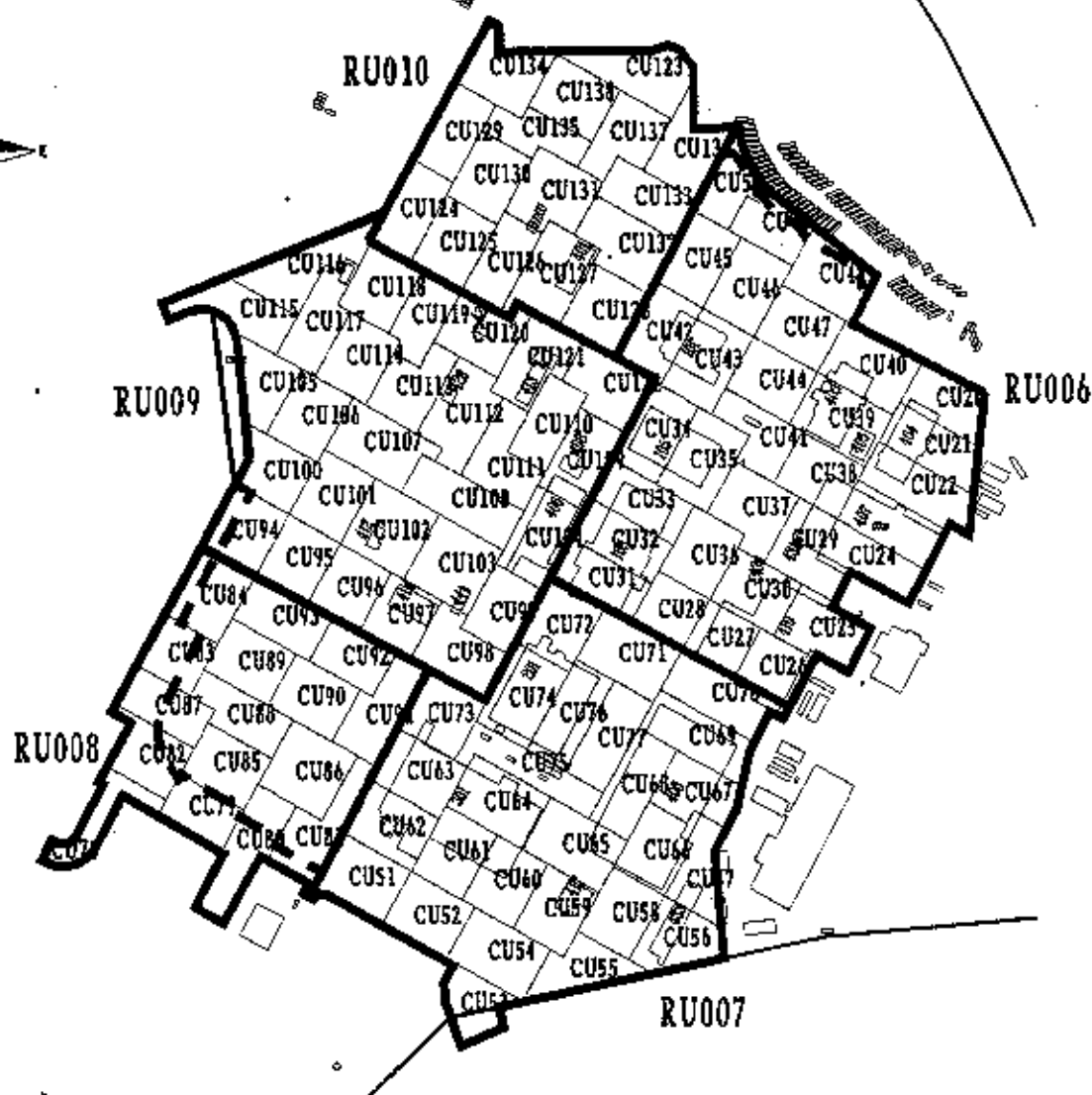
plant area is located about 3.2 km (2 mi) southwest of the junction of Missouri State Route 94 and U.S. Route 40/61.

The two communities closest to the site, Weldon Spring and Weldon Spring Heights, are located approximately 3.2 km (2 mi) east of the site and have a combined population of 850 persons. Francis Howell High School is located about 1 km (0.6 mile) from the site on the eastern side.

In 1941, the Army acquired 7,000 ha (17,000 acres) of land in St. Charles County, Missouri. The Army constructed an ordnance facility and produced DNT and TNT explosives from 1941 until 1946. By 1949, all but 810 ha (2,000 acres) were transferred to the State of Missouri and the University of Missouri. Most of the remaining land became the chemical plant area of Weldon Spring and the adjacent U.S. Army Reserve and National Guard Training Area. In May 1955, the U.S. Atomic Energy Commission (AEC) acquired 83 ha (205 acres) to construct a uranium feed materials plant. The AEC operated the uranium feed materials plant from 1957 to 1966 within the WSSRAP area. During its operation, uranium and thorium ore concentrates were processed, which led to the contaminated soils found within the WP-420 area. Radioactive and chemical waste were disposed of at the site during this period. The radioactive contaminants associated with the site are primarily radionuclides of the natural uranium and Th-232 decay series. Chemical contaminants associated with the site are primarily heavy metals, polychlorinated biphenyls (PCBs), and polynuclear aromatic hydrocarbons (PAHs).

The Army reacquired the chemical plant property in 1967 and began decontamination and dismantlement operations in order to construct a herbicide facility. The project was canceled in 1969 before herbicide production was initiated. In 1985, the Army transferred responsibility over to the U.S. Department of Energy (DOE), successor to the AEC. The DOE initiated a series of interim response actions starting in 1986 to control and mitigate releases to the environment. The chemical plant area was included in the National Priorities List (NPL) in 1989. The Chemical Plant ROD (Ref. 3) was signed in 1993. Building dismantlement also began in 1993 and continued through 1994. Building foundations and contaminated soil were removed during 1996/1997, as part of Work Package 420.

The WP-420 area is located within the eastern portion of the site. There are five work zones within this work package and each zone has been assigned an RU. The WP-420 area consisted of five RUs: RU6, RU7, RU8, RU9, and RU10 (Work Zones 1-5, respectively). The five RUs are depicted in Figure 1-2.



--- Designates area to be confirmed under WP437

### LEGEND

RU006 -- CU020 THRU CU050  
 RU007 -- CU051 THRU CU077  
 RU008 -- CU078 THRU CU093  
 RU009 -- CU094 THRU CU122, CU142  
 RU010 -- CU123 THRU CU138

### Remedial Units for WP-420

Figure: 1-2

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ORIGINATOR: MGL

DRAWN BY: LGB

DATE: 03/97

## 1.4 Remediation and Confirmation Process

This report details the activities conducted to remediate RU7 (CU51 through CU77). Remediation consisted of removal of building foundations, underground utilities, and the associated contaminated soils. Following the remediation activities, confirmation samples were collected to ensure contaminated materials had been remediated.

The entire remediation and confirmation process included: characterization data review, contaminants of concern (COC) identification, confirmation plan development, pre-excavation activities, soil excavation, structures removal, radiological walkover surveys, confirmation sampling, oversight activities, sample analysis, analytical data review, quality assurance/quality control (QA/QC) review, completing disposition forms, summary of findings, and conclusions for the post-remedial action reports.

Removal of chemical plant area foundations and contaminated soils was conducted in accordance with the *WP420 Foundations and Contaminated Soils Removal Subcontract Specification* (Ref. 8). The confirmation sampling process was conducted in accordance with the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5), to document the attainment of cleanup standards set forth in the *Record of Decision for Remedial Action at the Chemical Plant Area of the Weldon Spring Site* (ROD) (Ref. 3). The walkovers sampling details are presented in the *Confirmation Sampling Plan Details for the Chemical Plant Area Foundations and Contaminated Soils Removal (WP-420)* (Ref. 4). Sections 3, 4, and 5 describe in detail the remediation and confirmation processes.

## 2. PRE-REMEDIATION ACTIVITIES

### 2.1 Review of Characterization Data

Contaminants of concern (COC) were determined for each confirmation unit (CU) by reviewing background information and results of characterization samples. Background information consisted of all available historical data regarding building use, process utility lines and existing soil characterization data.

In many CUs, areas located beneath the building footprints were determined to have limited characterization soils data due to the presence of foundations and slabs. These areas therefore required an alternate method to identify potential COCs. The first step was to review the waste management characterization data from samples collected from the sumps of each building. This information, along with the available soil characterization data, was then combined with the historical process information and waste management practices for each building. This method was determined to be a conservative approach to developing a COC list for CUs that have limited historical soils data. The full process used for determining COCs is detailed in the *Confirmation Sampling Plan Details For The Chemical Plant Area Foundations and Contaminated Soils Removal (WP-420)* (Ref. 4).

### 2.2 Contaminants of Concern

COCs were identified from the review of the historical information and characterization data for each of the 26 CUs. COC lists were also developed for sanitary sewer and process utility lines located within some CUs. These COC lists were based on the type of utility line and the COC list identified for that specific CU. Other utilities including potable and fire water lines, electrical lines, and communication lines, were present in some CUs, but were not specifically targeted based on process knowledge. Radiological COCs present at RU7 include: Radium 226 (Ra-226), Radium 228 (Ra-228), Thorium 230 (Th-230), Thorium 232 (Th-232), and Uranium 238 (U-238). Organic COCs present at RU7 included: polynuclear aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs). Inorganic COCs present at RU7 included: arsenic, chromium, lead, and thallium. The specific COC lists and the associated analytical results for each CU are presented in Section 5.

### 2.3 Data Quality Objectives

Data Quality Objectives (DQOs) were identified to specify and ensure quality data would support the decision making process throughout remedial activities, including the confirmation process. Confirmation DQOs were developed for sampling and analyzing soils during remediation and for the subsequent data evaluation. The DQOs were designed to make statistically defensible decisions regarding attainment of cleanup standards. Sampling and analytical programs for the WP-420 area were designed in accordance to DQOs stated in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5).

### 2.4 Cleanup Standards

The objective of the U.S. Department of Energy (DOE) as low as reasonably achievable (ALARA) process is to reduce exposures and risks associated with residual contamination (Ref. 5). The Chemical Plant Area ROD (Ref. 3) established two different sets of cleanup standards; risk-based cleanup criteria (cleanup criteria), and ALARA goals. The ROD states that it is expected that contaminant levels remaining in the soil across the site after remediation will range between the cleanup criteria and the ALARA goals, reaching the goals in most cases (Ref. 3). Remedial activities for RU7 were designed to remove soil where the COC concentration was present above ALARA goals. Table 2-1 summarizes the cleanup criteria and ALARA goals established in the ROD.

During the remedial activities at RU7, toluene contaminated soils were encountered. Toluene was not identified as a COC in the ROD. After evaluation of the available information, cleanup standards for toluene were established. An ALARA goal and cleanup criteria were established using Missouri Department of Natural Resources "Any use soils" cleanup levels and Argonne National Laboratory risk-based calculations. The cleanup standards established for toluene were determined to be 11,000 mg/kg for the ALARA goal and 60,000 mg/kg for the cleanup criteria. A more detailed discussion of the toluene investigation is presented in Section 5.

### 2.5 Confirmation Process

The confirmation process was used to determine, under the remedial guidelines, whether remediation activities had achieved the cleanup standards using the ALARA process. Figure 2-1 shows the confirmation process for remedial activities. The decision making process was developed to specify how the data would be evaluated within the confirmation process. To

Table 2-1 Radionuclide and Chemical Contaminant Cleanup Standards

| RADIONUCLIDE (pCi/g)        | SURFACE <sup>(a)</sup> |          | SUBSURFACE <sup>(d)</sup> |          |
|-----------------------------|------------------------|----------|---------------------------|----------|
|                             | ALARA                  | CRITERIA | ALARA                     | CRITERIA |
| Radium-226 <sup>(a,b)</sup> | 5.0                    | 6.2      | 5.0                       | 16.2     |
| Radium-228 <sup>(a,b)</sup> | 5.0                    | 6.2      | 5.0                       | 16.2     |
| Thorium-230 <sup>(a)</sup>  | 5.0                    | 6.2      | 5.0                       | 16.2     |
| Thorium-232 <sup>(a)</sup>  | 5.0                    | 6.2      | 5.0                       | 16.2     |
| Uranium-238                 | 30.0                   | 120      | 30                        | 120      |
| <b>Chemical (mg/kg)</b>     |                        |          |                           |          |
| Arsenic                     | 45                     | 75       | 75                        | 750      |
| Chromium (total)            | 90                     | 110      | 110                       | 1,110    |
| Chromium (VI)               | 90                     | 100      | 100                       | 1,000    |
| Lead                        | 240                    | 450      | 450                       | 4,500    |
| Thallium                    | 16                     | 20       | 20                        | 200      |
| PAHs <sup>(e)</sup>         | 0.44                   | 5.6      | 5.6                       | 56       |
| PCBs <sup>(f)</sup>         | 0.65                   | 8        | 8                         | 80       |
| TNT                         | 14                     | 140      | 140                       | 1,400    |

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6-in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

(c) Values listed for surface soils apply to contamination within the upper 15 cm (6 in.) of the soil column.

(d) Values for subsurface apply to contamination in soils below 15 cm (6 in.), unless otherwise noted.

(e) Benz(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, chrysene, and ideno(1,2,3-cd)pyrene.

(f) Aroclor 1248, Aroclor 1254, Aroclor 1260.

Source: Record of Decision for Remedial Action at the Chemical Plant Area of the Weldon Spring Site (Ref. 1)

facilitate this data evaluation, the decision making process was implemented at two stages of the confirmation process.

First, the decision making process was applied to a specific sample location located within a given CU. The decision making process was refined throughout the remedial activities at the

WP-420 area to provide systematic steps to determine the need for further remediation of contaminated areas.

Second, the decision making process was applied to a CU as a whole and was specific to a group of sample locations. This was completed to meet project DQOs and the cleanup standards, and to evaluate whether a CU area had been remediated to the extent required by the ROD.

### 2.5.1 Decision Making Process

The decision making process consisted of four steps that were utilized to determine whether a specific contaminated area (either sample location or a CU) would require further remediation. The first three steps were applied to specific sample locations which had results greater than criteria. The fourth step was applied to an entire CU, in instances where the preliminary analytical results indicated a COC concentration was above the ALARA goals. The four steps are discussed in detail below and will be referenced in the CU discussions presented in Section 5.

1. If a given COC concentration (in a hot spot area of any given size) was above three times the cleanup criteria, the area was further remediated and resampled.
2. If a given COC concentration (in a hot spot area greater than 25 m<sup>2</sup> in size) ranged between criteria and three times criteria, the area was further remediated and resampled.
3. If a given COC concentration (in a hot spot area less than 25 m<sup>2</sup> in size) was between the cleanup criteria and three times the cleanup criteria, the following formula was used to determine the acceptable concentration for the COC.

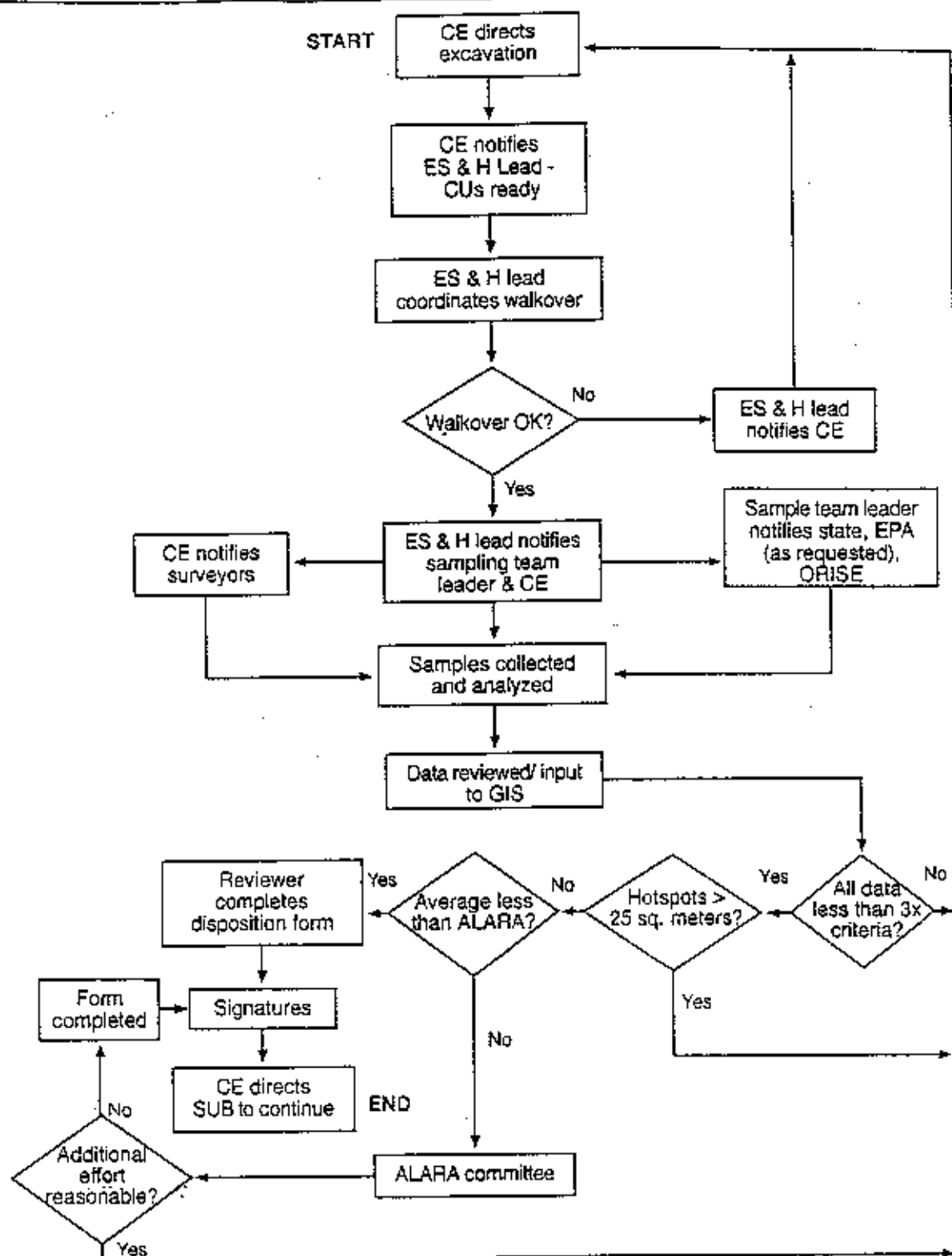
$$\text{Maximum Concentration} = (\text{Cleanup Criteria}) \times (100/A)^{1/2}$$

Where: A = area of hot spot in square meters (m<sup>2</sup>).

If the COC sample concentration was above the maximum concentration, the area was further remediated and resampled. If the COC sample concentration was below the maximum concentration, the soil was left in place and no further remediation was conducted.

4. The fourth step was applied to a specific COC concentration over the entire CU. If an average concentration of a COC within a CU was greater than ALARA the issue went before the ALARA committee for a decision ruling. Factors considered in the decision ruling included the percentage of confirmation results to date that were less than, or greater than the ALARA goal, location, cost of further remediation etc. Based on these factors the ALARA committee determined whether additional remediation was required.

Contaminant levels remaining in soils across the site after remediation are expected to range between the ALARA goal and cleanup criteria, reaching the goals in most cases.



## CLEANUP CONFIRMATION PROCESS

FIGURE 2-1

|             |                  |              |               |
|-------------|------------------|--------------|---------------|
| REPORT NO.: | DOE/OR/21548-667 | EXHIBIT NO.: | A/PI/007/0397 |
| ORIGINATOR: | MGL              | DRAWN BY:    | GLN           |
|             |                  | DATE:        | 3/24/97       |

### **3. REMEDIAL PROGRAM ACTIVITIES**

#### **3.1 Pre-Excavation Activities**

Throughout RU6 remediation activities, water management was required that included surface water control and field dewatering of excavations. Surface water was prevented from entering the area using berms and ditches. Surface water run-off within RU6 was routed to established site water management facilities. Water entering excavations from precipitation events and infiltration was pumped to designated excavations serving as interim retention basins. This water was then sampled for total uranium. After review of sample results, these excavations were then dewatered and the water directed to the appropriate site facility depending on the total uranium concentration. These activities were conducted in accordance with the *Surface Water Management Plan* (Ref.10).

#### **3.2 Excavation Activities**

Process and non-process building foundations, underground utilities and storage tanks, miscellaneous surface and subsurface features, and soil were excavated during field activities. The majority of these materials were removed because of contamination. Additional removal of facilities was necessary to support subsequent disposal cell construction. After the initial excavations were completed, radiological walkover surveys were conducted to evaluate the need for additional excavation. Walkover surveys were conducted using a 2 in. x 2 in. sodium iodide (NaI) scintillation detector. When radiological walkover surveys indicated no additional excavation was needed (i.e., no radioactivity levels exceeding 1.5 times the background level), the area was released for confirmation sampling.

Confirmation results were then reviewed and additional excavation and confirmation sampling was conducted in hot spot areas if necessary. Additional excavation and sampling continued until sample results indicated the cleanup standards were achieved. After achieving cleanup standards, a Disposition Form was completed with preliminary analytical results. The Disposition Form was reviewed and signed by project personnel. The CU was then released for unrestricted use.

#### **3.3 Contaminated Materials Management**

Contaminated materials removed during remediation activities were transported and staged at the Ash Pond storage area located in the northwest portion of the site. Contaminated

materials were then segregated into soil, metal, and concrete. These contaminated materials will eventually be placed into the on site disposal facility in accordance with the Record of Decision (ROD) (Ref. 3).

### **3.4 Post Excavation Activities**

After a CU was released with a reviewed and signed Disposition Form, the CU was released to the subcontractor for unrestricted activities. The underlying unsuitable soils were excavated down to the ferrelview formation, as determined by visual observations and backfilled with soil suitable for construction to design grade as needed in preparation for the construction of the on-site disposal facility.

## 4. REMEDIAL ACTIVITIES

### 4.1 Field Activities

Field activities completed during remedial activities were conducted in accordance with procedures stated in the *Confirmation Sampling Plan Details for the Chemical Plant Area Foundations and Contaminated Soils Removal WP-420* (Ref. 4). Field activities were conducted to perform and document sampling objectives within the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5) while achieving the cleanup standards. All remedial action surveys, sampling, and data review were conducted and documented in accordance with Weldon Spring Site Remedial Action Project (WSSRAP) Environmental Safety and Health (ES&H) procedures. The applicable procedures were as follows:

- ES&H 1.2.1      *Soil Remediation Disposition Process*
- ES&H 2.3.8      *Contamination Survey*
- ES&H 2.5.1      *Radiological Soil Sampling*
- ES&H 2.5.2      *In Situ Radiation Measurements*
- ES&H 2.5.5      *Sample Preparation Procedure for Radiological Soil Samples*
- ES&H 2.5.8      *Th-230 Determinations in Soils by the UNC Method*
- ES&H 2.6.1      *Alpha Detector Calibration and Operational Check*
- ES&H 2.6.2      *Calibration and Use of Ludlum Model 2220 Scaler and the Model 44-10-2 (2x2 NaI) Detector*
- ES&H 2.6.3      *GM Detector Calibration, Operation, and Usage*
- ES&H 2.6.4      *Ludlum Model 2000 Scaler and Model 43-10 Detector: Gross Alpha Measurement Operation and Calibration*

- ES&H 2.6.9      *Instructions for Calibration and Operation of the High Purity Germanium Detector*
- ES&H 4.1.3      *Sampling Equipment Decontamination*
- ES&H 4.4.1      *Numbering System for Environmental Sample*
- ES&H 4.4.5      *Soil/Sediment Sampling*

#### 4.1.1 Walkover Surveys

Radiological walkover surveys were conducted after excavation activities to determine whether adequate cleanup of radiological materials had been completed. Walkover surveys were conducted using a 2-in. x 2-in. NaI scintillation detector. Each confirmation unit (CU) was surveyed using radioactivity levels above 1.5 times the background concentrations (of gamma emitting radioactivity) as a general guideline (Ref. 5). Radioactivity background readings were collected each day at the background sample location at the Weldon Spring site flagpole. The background reading was recorded in counts per minute (CPM) and used for walkover surveys conducted that day. In areas within close proximity to the raffinate pits, lead shielding was added to the detector's sides to reduce the interfering radiation levels given off by the raffinate pits. The bottom of the detector remained unshielded to give an adequate measurement of the surface directly beneath the detector. In cases when a shielded detector was used, the corresponding background reading was also taken with a shielded detector.

Field walkover surveys were conducted on a profile 1 m spaced grid system within each CU. Walkover surveys where no levels of radioactivity exceeded 1.5 x background levels were documented on a Walkover Survey Results Form. Areas exceeding 1.5 times the background level were further excavated until survey results showed no levels above 1.5 times background. Final survey results for each CU are included in Section 5. Radiation Survey Forms WP-420 are presented in Appendix B.

#### 4.1.2 Soil Sampling

After the walkovers were completed and documented, soil sampling was conducted within each CU within RU7 as part of the confirmation process. This process includes several categories of soil samples, such as hot spot, resample, and confirmation samples.

Soil samples locations were chosen based upon a 10 m by 10 m grid. Samples were collected at every node (grid intersection) and some center points. The soil sampling locations are presented in Appendix A for each CU. Node samples are denoted with a '-S' and center point samples are denoted with a '-C'. Sample locations were relocated in the event the original location was not practical or safe. Sample locations that were moved more than 5 ft were resurveyed.

Alternatively, sample locations were placed every 10 m along utilities (buried sanitary sewer and process lines only) except when existing grid sample locations lie within 5 ft of a utility line. In these cases, the existing sample location was offset by 5 ft to include the area within the utility line corridor.

Analytical suites for each CU were dependent upon the COC list developed from historical information and characterization sample results. If results from these confirmation samples indicated contaminants in the CU being confirmed met the cleanup standards as presented in the Attainment Plan, no further remediation was conducted and the CU could be released. A Disposition Form was completed and the CU released back to the subcontractor.

Alternatively, if the confirmation results indicated the cleanup standards were not met, additional walkovers and/or sampling were conducted to delineate the area of contamination. These hot spot samples were designated by the suffix '-HS.' If the hot spot results/walkovers determined that the area exceeded the hot spot rule (presented in Section 2.5), then additional excavation was required. Additional confirmation samples were then collected and designated with the suffix '-RS.' Once the cleanup standards were met, a Disposition Form was completed and the CU released back to the subcontractor. The Disposition Forms for each CU are presented in Appendix C.

## 4.2 Laboratory Activities

Subcontracted off-site laboratories that performed analyses for the WP-420 remediation activities used Contract Laboratory Program (CLP) methodologies. Laboratory activities were conducted in accordance with *Project Management Contractor Quality Assurance Program* (Ref. 6) and *Environmental Quality Assurance Project Plan* (Ref. 7). Appendix D contains the analytical results from each CU within RU7. Radiological and chemical analytical data were reviewed upon receipt from the laboratory.

#### 4.2.1 Radiological Contaminants

Radiological soil samples were collected for Ra-226, Ra-228, Th-230, Th-232, and U-238. Most radiological samples were analyzed by the on-site laboratory; however, overflow samples and a portion of Th-230 samples were sent to an off-site laboratory. Estimated Ra-226 results were used to release CUs. In addition, because Th-232 is in secular equilibrium with Ra-228, the concentrations are considered essentially the same. Both of the issues are further explained in IOC's included in Appendix E.

#### 4.2.2 Chemical Contaminants

Chemical soil samples were collected for the following organic and inorganic chemical analyses: three polychlorinated biphenyls (PCBs), six polycyclic aromatic hydrocarbons (PAHs), arsenic, chromium, lead, and thallium. All samples collected were analyzed by off-site laboratories. Toluene, which was not originally identified as a COC, was also analyzed by an off-site laboratory.

#### 4.3 Verification Activities

The Oak Ridge Institute for Science and Education (ORISE) was contracted by the U.S. Department of Energy (DOE) to verify confirmation soil sampling in the chemical plant area of the Weldon Spring site. Verification activities included independent walkover radiological surveys and the collection and analysis of soil samples to verify proper disposition of CUs. Field verification activities were conducted in accordance with ORISE's *Final Survey Plan* (Ref. 9). A table summarizing ORISE hot spot information is presented in Appendix F.

##### 4.3.1 Walkover Surveys

ORISE conducted independent walkover radiological surveys in areas that had been confirmed. Walkover surveys were conducted using a 1-in. x 1-in. NaI scintillator detector. Walkover surveys were conducted to verify field results obtained by WSSRAP personnel.

##### 4.3.2 Soil Sampling

ORISE conducted independent collection and analyses of soil samples. Soil samples were collected at random locations and from areas identified by walkover surveys. Soil sampling was conducted to also verify proper disposition of the CUs.

#### **4.3.3 Verification of WP420 Documentation**

All ORISE verification and audit activities have been completed. A final verification letter will be prepared by ORISE when the Project Management Contractor's (PMC) Post Remedial Action Report for WP-420 (RU7) is finalized. The ORISE letter will contain verification walkover surveys and soil sampling results. The letter also presents verification that the remedial action objectives were achieved.

## 5. CONFIRMATION UNIT RESULTS SUMMARY

The following section includes the confirmation unit (CU) analytical results summary for the 26 CUs that are located within RU7. Each summary was generated from data collected during the confirmation activities and includes the location of the CU, a list of COCs, a general discussion of the remedial activities, radioactivity walkover survey results, a comparison of preliminary and final analytical results, hot spot summary if applicable, and the dates when the CU was released for unrestricted use.

Tables contained in this section summarize data collected from each CU following the excavation of contaminated materials. Not all data are contained in the tables, excluded are data from hot spot areas where further excavation was required. Also included from these tables are those sample results collected from ORISE "hot spot" areas identified by walkovers. These results have been included in the RU7 summary table in Section 7. The tables were compiled using only the data collected that ensured remediation was complete and represent the soils remaining in place after the confirmation unit was released. In addition, most of these tables include border sample locations that may have IDs associated with adjacent CUs. Figures in Appendix A show all sample locations within each individual CU.

Hot spot data and additional information for each CU are contained in the following Appendices. Sample Location Maps are presented in Appendix A. Radiation Survey Forms are presented in Appendix B. Disposition Forms are presented in Appendix C. Complete analytical results are presented in Appendix D (including hot spot data collected prior to additional remediation). Inter-Office Correspondence regarding data discrepancies are included in Appendix E. A summary table of Oak Ridge Institute for Science and Education (ORISE) verification results is presented in Appendix F.

Appendix C contains the disposition forms which used preliminary data. The preliminary data in some cases may differ from the final data presented in Appendix D. These differences may be due to laboratory transcription or reporting errors, which are not corrected until being verified and reviewed. As mentioned earlier, Ra-226 preliminary and final data will always differ. The preliminary result is a conservative estimated concentration. The final result is after the necessary radium in-growth period. In most cases, the final result is less than the preliminary result.

### 5.1 Confirmation Unit 51

Confirmation Unit 51 is located south of Building 301 in the southwest corner of RU7. The COCs identified for CU51 included: U-238, Th-230, Th-232, Ra-226, Ra-228, arsenic, chromium, lead, and polychlorinated biphenyls (PCBs). Contaminated soils and utility lines were

removed and confirmation samples were collected. This CU was released in two partial areas. The Subcontractor released Confirmation Unit 51 to the PMC in September 1996, for confirmation sampling.

The radioactivity background readings collected for CU51 ranged between 4,200 cpm (shielded) and 13,000 CPM (unshielded). All final radioactivity levels were less than 1.5 times the background levels. The final walkover surveys for this CU were completed on September 4 and 17, 1996.

Confirmation soil samples were collected at 36 designated locations (see Figure A-1, Appendix A). Fourteen of the predetermined sample locations fell within the utility corridor. No additional utility sample locations were added. Table 5-1 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

Table 5-1 Confirmation Unit 51 Analytical Results Summary

| Contaminant            | Preliminary Results    |            |         |        | Final Results          |           |         |        |
|------------------------|------------------------|------------|---------|--------|------------------------|-----------|---------|--------|
|                        | No. of                 |            |         | No. of | No. of                 |           |         | No. of |
|                        | Samples                | Range      | Average | Above  | Samples                | Range     | Average | Above  |
|                        |                        |            |         | ALARA  |                        |           |         | ALARA  |
| Arsenic<br>(mg/kg)     | 15                     | 4.5-19.1   | 8.69    | 0      | 15                     | 4.5-19.1  | 8.69    | 0      |
| Chromium<br>(mg/kg)    | 15                     | 10.2-22.6  | 15.82   | 0      | 15                     | 10.2-22.6 | 15.82   | 0      |
| Lead<br>(mg/kg)        | 15                     | 9-21.4     | 13.37   | 0      | 15                     | 9-21.4    | 13.37   | 0      |
| PCB<br>(mg/kg)         | 15                     | 0-0.05     | 0.01    | 0      | 15                     | 0-0.05    | 0.01    | 0      |
| Radium 226<br>(pCi/g)  | 28                     | 1.79-2.88  | 2.43    | 0      | 28                     | 1.25-1.74 | 1.49    | 0      |
| Radium 228<br>(pCi/g)  | 28                     | 0.56-2.11  | 1.23    | 0      | 28                     | 0.49-1.73 | 1.25    | 0      |
| Ra226/Ra228<br>(pCi/g) | 28                     | 2.95-4.28  | 3.66    | 0      | 28                     | 2.05-3.34 | 2.74    | 0      |
| Thorium 230<br>(pCi/g) | 15                     | 0.7-1.38   | 1.07    | 0      | 15                     | 0.7-1.38  | 1.07    | 0      |
| Thorium 232<br>(pCi/g) | See Radium 228 Results |            |         |        | See Radium 228 Results |           |         |        |
| Uranium 238<br>(pCi/g) | 32                     | 1.53-33.04 | 6.22    | 1      | 32                     | 1.49-29.6 | 6.13    | 0      |

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required. No deviations from the sampling plan occurred at CU51.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 51 was released back to the subcontractor for unrestricted use on September 25, 1996.

## 5.2 Confirmation Unit 52

Confirmation Unit 52 is located south of Building 301 in the southern portion of RU7. The COCs identified for CU52 included U-238, Ra-226, Ra-228, Th-230, arsenic, chromium, lead, thallium, polycyclic aromatic hydrocarbons (PAHs) and PCBs. Contaminated soils and utility lines were removed and confirmation samples were collected from the excavated area. Due to the identification of a toluene area in a nearby CU, this CU was released in two partial areas. The first partial area of Confirmation Unit 52 was released to the PMC by the subcontractor on September 17, 1996 for confirmation sampling. The remaining area was released by the subcontractor for confirmation sampling on October 17, 1996 after remediation of the toluene area in the nearby area was completed. The toluene excavation never entered into CU52.

The radioactivity background readings collected for CU52 ranged between 11,500 cpm and 12,000 cpm. All final radioactivity levels were less than 1.5 times the background levels. The final walkover surveys for this CU were completed on September 17, 1996. The first area was released, and the remaining area was used as a buffer area to a toluene area that was discovered in adjacent areas CU54 and CU60.

Confirmation soil samples were collected from the 30 designated locations (see Figure A-2, Appendix A). Six of the predetermined sample locations fell within the utility corridor. No additional utility sample locations were added. Table 5-2 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results for both partial areas located within CU52.

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required. No deviations from the sampling plan occurred at CU52.

Review of the final analytical results supported the preliminary results, indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover

survey, soil sampling, and remediation activities were completed. Disposition Forms were reviewed and signed. The partial area for CU52 was released back to the subcontractor for unrestricted use on September 25, 1996. The remaining area for CU52 was released back to the subcontractor for unrestricted use on October 25, 1996.

Table 5-2 Confirmation Unit 52 Analytical Results Summary

| Contaminant | Preliminary Results |            |         |        | Final Results |           |         |        |
|-------------|---------------------|------------|---------|--------|---------------|-----------|---------|--------|
|             | No. of              |            |         | No. of |               |           |         | No. of |
|             | Samples             | Range      | Average | Above  | No. of        | Range     | Average | Above  |
|             |                     |            |         | ALARA  | Samples       |           |         | ALARA  |
| Arsenic     |                     |            |         |        |               |           |         |        |
| (mg/kg)     | 6                   | 4-9        | 6.08    | 0      | 6             | 4-9       | 6.08    | 0      |
| Chromium    |                     |            |         |        |               |           |         |        |
| (mg/kg)     | 6                   | 11.4-16.5  | 14.52   | 0      | 6             | 11.4-16.5 | 14.52   | 0      |
| Lead        |                     |            |         |        |               |           |         |        |
| (mg/kg)     | 6                   | 8.5-14.3   | 11.70   | 0      | 6             | 8.5-14.3  | 11.70   | 0      |
| PAH         |                     |            |         |        |               |           |         |        |
| (mg/kg)     | 1                   | 0.03       | 0.03    | 0      | 1             | 0.03      | 0.03    | 0      |
| PCB         |                     |            |         |        |               |           |         |        |
| (mg/kg)     | 6                   | 0-0        | 0.00    | 0      | 6             | 0-0       | 0.00    | 0      |
| Radium 226  |                     |            |         |        |               |           |         |        |
| (pCi/g)     | 6                   | 1.73-2.16  | 2.02    | 0      | 6             | 1.09-1.45 | 1.29    | 0      |
| Radium 228  |                     |            |         |        |               |           |         |        |
| (pCi/g)     | 6                   | 0.39-1.48  | 1.17    | 0      | 6             | 1.02-1.68 | 1.25    | 0      |
| Ra226/Ra228 |                     |            |         |        |               |           |         |        |
| (pCi/g)     | 6                   | 2.38-3.64  | 3.20    | 0      | 6             | 2.3-2.8   | 2.54    | 0      |
| Thallium    |                     |            |         |        |               |           |         |        |
| (mg/kg)     | 1                   | 0.38       | 0.38    | 0      | 1             | 0.38      | 0.38    | 0      |
| Thorium 230 |                     |            |         |        |               |           |         |        |
| (pCi/g)     | 6                   | 0.71-1.2   | 0.89    | 0      | 6             | 0.71-1.2  | 0.89    | 0      |
| Uranium 238 |                     |            |         |        |               |           |         |        |
| (pCi/g)     | 30                  | 1.48-23.47 | 3.46    | 0      | 30            | 1.48-23.5 | 3.47    | 0      |

### 5.3 Confirmation Unit 53

Confirmation Unit 53 is located on the southern boundary of RU7. Changes to the WP-420 area were made with regard to the Confirmation Unit 53 boundaries. The original designated area located within CU53 contained manholes that could not be removed without disturbing the adjacent site water treatment plant Ponds 3 and 4. To avoid jeopardizing the

integrity of these ponds, it was decided to delay the removal of the manholes. The decision was therefore made to remove CU53 from the WP-420 remediation and confirmation activities.

The area formerly located within CU53 area will be remediated under a future work package. An IOC was issued documenting the decision for changes to the CU53 area. The IOC is included in Appendix E. The location formerly referred to as CU53 is shown in Figure 2-1.

#### 5.4 Confirmation Unit 54

Confirmation Unit 54 is located south of Building 417 in the southeast portion of RU7. The COCs identified for CU54 included: U-238, Ra-226, Ra-228, Th-230, arsenic, chromium, lead, thallium, PAHs and PCBs. Contaminated soils and utility lines were removed and confirmation samples were collected. Due to the identification of the toluene area, the CU was released as two partial areas. The subcontractor released the first partial area of Confirmation Unit 54 to the PMC on September 17, 1996, for confirmation sampling. The remaining area was released by the subcontractor on October 17, 1996 for confirmation sampling.

The radioactivity background readings collected for both partial areas of CU54 ranged between 10,000 cpm and 12,000 cpm. All final radioactivity levels were less than 1.5 times the background levels. The final walkover surveys for the first partial area were completed on September 16 and 17, 1996. The partial area of CU54 was released because of a toluene area that was discovered in the northeast portion of CU54 and in the adjacent CU60. The final walkover surveys for the remaining area of this CU were completed on September 18, 1996.

Confirmation soil samples were collected from the 35 designated locations (see Figure A-3, Appendix A). Fifteen of the predetermined sample locations fell within the utility corridor. No additional utility sample locations were added. Table 5-3 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

One deviation from the sampling plan occurred at CU54, in that one toluene area located on the boundary of CU54 and CU60 was identified at sample location SC-06020-S. The toluene area is discussed in detail in Section 5.10.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover surveys, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. The partial area for CU54 was released back to the subcontractor for unrestricted use on September 25, 1996. The remaining area for CU54 was released back to the subcontractor for unrestricted use on October 25, 1996.

Table 5-3 Confirmation Unit 54 Analytical Results Summary

| Contaminant         | Preliminary Results |           |         |                            | Final Results  |           |         |                            |
|---------------------|---------------------|-----------|---------|----------------------------|----------------|-----------|---------|----------------------------|
|                     | No. of Samples      | Range     | Average | No. of Samples Above ALARA | No. of Samples | Range     | Average | No. of Samples Above ALARA |
| Arsenic (mg/kg)     | 15                  | 1.8-9.4   | 6.28    | 0                          | 15             | 1.8-9.4   | 6.28    | 0                          |
| Chromium (mg/kg)    | 15                  | 7.8-17.7  | 13.73   | 0                          | 15             | 7.8-17.7  | 13.73   | 0                          |
| Lead (mg/kg)        | 15                  | 8.5-18.8  | 12.41   | 0                          | 15             | 8.5-18.8  | 12.41   | 0                          |
| PAH (mg/kg)         | 19                  | 0-0.39    | 0.05    | 0                          | 19             | 0-0.39    | 0.05    | 0                          |
| PCB (mg/kg)         | 20                  | 0-1.9     | 0.17    | 2                          | 20             | 0-1.9     | 0.17    | 2                          |
| Radium 226 (pCi/g)  | 15                  | 1.11-3.04 | 1.93    | 0                          | 15             | 0.42-1.66 | 1.17    | 0                          |
| Radium 228 (pCi/g)  | 15                  | 0.57-1.65 | 1.24    | 0                          | 15             | 1.14-1.68 | 1.37    | 0                          |
| Ra226/Ra228 (pCi/g) | 15                  | 2.62-4.44 | 3.17    | 0                          | 15             | 1.94-3.02 | 2.54    | 0                          |
| Thallium (mg/kg)    | 15                  | 0.38-1.2  | 0.45    | 0                          | 15             | 0.38-0.6  | 0.41    | 0                          |
| Thorium 230 (pCi/g) | 20                  | 0.69-2.91 | 1.37    | 0                          | 20             | 0.69-2.91 | 1.37    | 0                          |
| Toluene (mg/kg)     | 1                   | 0.00      | 0.00    | 0                          | 1              | 0.00      | 0.00    | 0                          |
| Uranium 238 (pCi/g) | 35                  | 1.4-25.5  | 3.74    | 0                          | 35             | 1.41-25.5 | 3.66    | 0                          |

## 5.5 Confirmation Unit 55

Confirmation Unit 55 is located south of Building 433 in the southwestern portion of RU7. The COCs identified for CU54 included: U-238, Th-230, PAHs, and PCBs. Contaminated soils and utility lines were removed and confirmation samples were collected. The subcontractor released Confirmation Unit 55 to the Project Management Contractor (PMC) on August 22, 1996, for confirmation sampling.

The radioactivity background readings collected for CU55 ranged between 4,700 cpm (shielded detector) and 12,000 cpm (unshielded detector). All final radioactivity levels were less than 1.5 times the background levels. The final walkover surveys for this CU were completed August 22, 1996.

Confirmation soil samples were collected at 30 designated locations (see Figure A-4, Appendix A). Six of the predetermined sample locations fell within the utility corridor and two additional utility sample locations were added bringing the total number of samples to 32. Table 5-4 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required. No deviations from the sampling plan occurred at CU55.

| Table 5-4 Confirmation Unit 55 Analytical Results Summary |                     |            |         |        |               |           |         |        |
|---|---------------------|------------|---------|--------|---------------|-----------|---------|--------|
| Contaminant   | Preliminary Results |            |         |        | Final Results |           |         |        |
|   | No. of              |            |         | No. of |               |           |         | No. of |
|   | Samples             | Range      | Average | Above  | No. of        | Range     | Average | Above  |
|   |                     |            |         | ALARA  | Samples       |           |         | ALARA  |
| PAH   |                     |            |         |        |               |           |         |        |
| (mg/kg)   | 18                  | 0-1.1      | 0.07    | 1      | 18            | 0-1.1     | 0.07    | 1      |
| PCB   |                     |            |         |        |               |           |         |        |
| (mg/kg)   | 18                  | 0-0.72     | 0.20    | 2      | 18            | 0-0.72    | 0.20    | 2      |
| Thorium 230   |                     |            |         |        |               |           |         |        |
| (pCi/g)   | 21                  | 1.3-3.6    | 2.61    | 0      | 21            | 1.3-3.6   | 2.63    | 0      |
| Uranium 238   |                     |            |         |        |               |           |         |        |
| (pCi/g)   | 29                  | 1.57-37.51 | 8.16    | 2      | 29            | 1.57-37.5 | 8.16    | 2      |

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover surveys, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 55 was released back to the subcontractor for unrestricted use on August 30, 1996.

## 5.6 Confirmation Unit 56

Confirmation Unit 56 is located across the Building 433 foundation area, in the southeastern portion of RU7. The COCs identified for CU56 included: U-238, Ra-226, Ra-228, and Th-230. Contaminated soils and utility lines were removed and confirmation samples were collected. The subcontractor released Confirmation Unit 55 to the PMC on August 20, 1996, for confirmation sampling.

The radioactivity background readings collected for CU56 ranged between 5,000 cpm (shielded detector) and 12,000 cpm (unshielded detector). All final radioactivity levels were less than 1.5 times the background levels. The final walkover surveys for this CU were completed on August 21, 1996.

Confirmation soil samples were collected at 31 designated locations (see Figure A-5, Appendix A). Five of the predetermined sample locations fell within the utility corridor. No additional utility sample locations were added. Table 5-5 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

Table 5-5 Confirmation Unit 56 Analytical Results Summary

| Contaminant            | Preliminary Results |            |         |                            | Final Results  |           |         |                            |
|------------------------|---------------------|------------|---------|----------------------------|----------------|-----------|---------|----------------------------|
|                        | No. of Samples      | Range      | Average | No. of Samples Above ALARA | No. of Samples | Range     | Average | No. of Samples Above ALARA |
| Radium 226<br>(pCi/g)  | 3                   | 1.73-2.2   | 2.04    | 0                          | 3              | 1.39-1.49 | 1.43    | 0                          |
| Radium 228<br>(pCi/g)  | 3                   | 1.24-1.38  | 1.32    | 0                          | 3              | 1.25-1.29 | 1.27    | 0                          |
| Ra226/Ra228<br>(pCi/g) | 3                   | 3.11-3.53  | 3.35    | 0                          | 3              | 2.65-2.78 | 2.70    | 0                          |
| Thorium 230<br>(pCi/g) | 19                  | 0.98-2.75  | 1.31    | 0                          | 19             | 0.98-2.75 | 1.31    | 0                          |
| Uranium 238<br>(pCi/g) | 30                  | 1.42-13.65 | 3.35    | 0                          | 30             | 1.49-13.6 | 3.37    | 0                          |

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required. No deviations from the sampling plan occurred at CU56.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 56 was released back to the subcontractor for unrestricted use on August 27, 1996.

### 5.7 Confirmation Unit 57

Confirmation Unit 57 is located across the Building 433 foundation area, in the southeastern portion of RU7. The COCs identified for CU57 included: U-238, Ra-226, Ra-228, Th-230, arsenic, chromium, lead, and PCBs. Contaminated soils and utility lines were removed and confirmation samples were collected. The subcontractor released Confirmation Unit 57 to the PMC on August 20, 1996, for confirmation sampling.

The radioactivity background readings collected for CU57 ranged between 5,000 cpm (shielded detector) and 12,000 cpm (unshielded detector). All final radioactivity levels were less than 1.5 times the background levels. The final walkover surveys for this CU were completed August 21, 1996.

Confirmation soil samples were collected at 28 designated locations (see Figure A-6, Appendix A). Three of the predetermined sample locations fell within the utility corridor. No additional utility sample locations were added. Table 5-6 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required. No deviations from the sampling plan occurred at CU57.

Review of the final analytical results supported the preliminary results, indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 57 was released back to the subcontractor for unrestricted use on August 27, 1996.

Table 5-6 Confirmation Unit 57 Analytical Results Summary

| Contaminant         | Preliminary Results |           |         |                            | Final Results  |           |         |                            |
|---------------------|---------------------|-----------|---------|----------------------------|----------------|-----------|---------|----------------------------|
|                     | No. of Samples      | Range     | Average | No. of Samples Above ALARA | No. of Samples | Range     | Average | No. of Samples Above ALARA |
| Arsenic (mg/kg)     | 3                   | 7-9.4     | 8.10    | 0                          | 3              | 7-9.4     | 8.10    | 0                          |
| Chromium (mg/kg)    | 3                   | 14.1-15.4 | 14.73   | 0                          | 3              | 14.1-15.4 | 14.73   | 0                          |
| Lead (mg/kg)        | 3                   | 13.2-14.8 | 14.00   | 0                          | 3              | 13.2-14.8 | 14.00   | 0                          |
| PCB (mg/kg)         | 3                   | 0         | N/A     | 0                          | 3              | 0         | N/A     | 0                          |
| Radium 226 (pCi/g)  | 14                  | 0.81-3.79 | 2.18    | 0                          | 14             | 1.03-2.16 | 1.50    | 0                          |
| Radium 228 (pCi/g)  | 14                  | 0.28-1.41 | 1.15    | 0                          | 14             | 0.3-1.67  | 1.09    | 0                          |
| Ra226/Ra228 (pCi/g) | 14                  | 2.14-5.07 | 3.34    | 1                          | 14             | 1.33-3.6  | 2.59    | 0                          |
| Thorium 230 (pCi/g) | 12                  | 1.08-2.63 | 1.44    | 0                          | 12             | 1.08-2.63 | 1.44    | 0                          |
| Uranium 238 (pCi/g) | 25                  | 1.42-7.72 | 2.64    | 0                          | 25             | 1.54-7.72 | 2.83    | 0                          |

N/A Average not applicable.

## 5.8 Confirmation Unit 58

Confirmation Unit 58 is located between the Building 417 foundation and Building 433 foundation, in the southeastern portion of RU7. The COCs identified for CU58 included: U-238, Ra-226, Ra-228, Th-230, arsenic, chromium, lead, PAHs, and PCBs. Contaminated soils and utility lines were removed and confirmation samples were collected. The subcontractor released Confirmation Unit 58 to the PMC on August 22, 1996, for confirmation sampling.

The radioactivity background readings collected for CU58 ranged between 4,700 cpm (shielded detector) and 12,000 cpm (unshielded detector). All final radioactivity levels were less than 1.5 times the background levels. The final walkover surveys for this CU were completed on August 22, 1996.

Confirmation soil samples were collected at 32 designated locations (see Figure A-7, Appendix A). One of the predetermined sample locations fell within the utility corridor. No

additional utility sample locations were added. Table 5-7 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

Table 5-7 Confirmation Unit 58 Analytical Results Summary

| Contaminant | Preliminary Results |            |         |        | Final Results |           |         |        |
|-------------|---------------------|------------|---------|--------|---------------|-----------|---------|--------|
|             | No. of              |            |         | No. of |               |           |         | No. of |
|             | Samples             | Range      | Average | Above  | No. of        | Range     | Average | Above  |
|             |                     |            |         | ALARA  | Samples       |           |         | ALARA  |
| Arsenic     |                     |            |         |        |               |           |         |        |
| (mg/kg)     | 9                   | 1.3-11     | 6.60    | 0      | 9             | 1.3-11    | 6.60    | 0      |
| Chromium    |                     |            |         |        |               |           |         |        |
| (mg/kg)     | 4                   | 14.8-17    | 15.93   | 0      | 4             | 14.8-17   | 15.93   | 0      |
| Lead        |                     |            |         |        |               |           |         |        |
| (mg/kg)     | 4                   | 6.4-19.2   | 11.70   | 0      | 4             | 6.4-19.2  | 11.70   | 0      |
| PAH         |                     |            |         |        |               |           |         |        |
| (mg/kg)     | 9                   | 0-2.03     | 0.52    | 3      | 9             | 0-2.03    | 0.52    | 3      |
| PCB         |                     |            |         |        |               |           |         |        |
| (mg/kg)     | 4                   | 0-0.09     | 0.02    | 0      | 4             | 0-0.09    | 0.02    | 0      |
| Radium 226  |                     |            |         |        |               |           |         |        |
| (pCi/g)     | 3                   | 2.07-2.27  | 2.18    | 0      | 3             | 1.32-1.53 | 1.45    | 0      |
| Radium 228  |                     |            |         |        |               |           |         |        |
| (pCi/g)     | 3                   | 1.29-1.47  | 1.36    | 0      | 3             | 1.15-1.29 | 1.21    | 0      |
| Ra226/Ra228 |                     |            |         |        |               |           |         |        |
| (pCi/g)     | 3                   | 3.53-3.56  | 3.54    | 0      | 3             | 2.47-2.78 | 2.66    | 0      |
| Thorium 230 |                     |            |         |        |               |           |         |        |
| (pCi/g)     | 9                   | 0.98-2.87  | 1.85    | 0      | 9             | 0.98-2.87 | 1.85    | 0      |
| Uranium 238 |                     |            |         |        |               |           |         |        |
| (pCi/g)     | 30                  | 1.42-83.73 | 12.20   | 5      | 30            | 1.43-83.7 | 12.29   | 5      |

No hot spot areas were identified from the sample results. No additional soil excavation was required. The PAH average concentration for CU58 exceeded the as low as reasonably achievable (ALARA) goal. In accordance with the remedial guidelines discussed in Section 2.6, more than 50% of the samples for each parameter must be less than ALARA. Since more than 50% of the total number of confirmation PAH results collected to date were less than ALARA, the ALARA committee released the CU.

During walkover surveys, Oak Ridge Institute for Science and Education (ORISE) identified five areas with elevated gamma readings. Three areas were identified near sample

location SC-05802-S; one area was identified near SC-05803-S and another near SC-05814-S. Hot spot samples were collected from each area.

Sample results from SC-05802-S-HS01 and SC-05802-S-HS02 indicated U-238 concentrations above the cleanup criteria. The U-238 concentration from sample location SC-05802-S-HS03 exceeded 3 times criteria. All three areas near SC-05802-S were combined and further remediated and resampled. Sample results (SC-05802-S-RS01) collected from the remediated hot spot area indicated U-238 concentrations were below the ALARA goal. Results are presented in Appendix D and Appendix F.

Results from sample location SC-05803-S-HS01 indicated both U-238 and radium (combined) concentrations exceeded cleanup criteria. Although this area met the hot spot rule for both U-238 and radium, further excavation and resampling were completed at this hot spot area, since equipment was already remediating a nearby hot spot. Sample results indicated results were below the ALARA goals.

Results from sample location SC-05814-S-HS01 indicated U-238 concentrations greater than 3 times criteria, therefore additional excavation, walkovers, and sampling were conducted. Resample results for U-238 were less than ALARA and are presented in Appendix D.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 58 was released back to the subcontractor for unrestricted use on September 12, 1996.

### 5.9 Confirmation Unit 59

Confirmation Unit 59 is located in the Building 417 foundation area, in the southern portion of RU7. The COCs identified for CU59 included: U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, thallium, PAHs, and PCBs. Contaminated soils and utility lines were removed and confirmation samples were collected. The subcontractor released Confirmation Unit 59 to the PMC on August 23, 1996, for confirmation sampling.

The radioactivity background readings collected for CU59 ranged between 5,000 cpm (shielded) and 12,000 cpm (unshielded). All final radioactivity levels were less than 1.5 times the background levels. The final walkover surveys for this CU were completed August 23, 1996.

Confirmation soil samples were collected at 34 designated locations (see Figure A-8, Appendix A). Six of the predetermined sample locations fell within the utility corridor. No additional utility sample locations were added. Table 5-8 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

Table 5-8 Confirmation Unit 59 Analytical Results Summary

| Contaminant | Preliminary Results    |           |         |        | Final Results          |           |         |        |
|-------------|------------------------|-----------|---------|--------|------------------------|-----------|---------|--------|
|             | No. of                 |           |         | No. of |                        |           |         | No. of |
|             | Samples                | Range     | Average | Above  | No. of                 | Range     | Average | Above  |
|             |                        |           |         | ALARA  | Samples                |           |         | ALARA  |
| Arsenic     |                        |           |         |        |                        |           |         |        |
| (mg/kg)     | 8                      | 3.5-11    | 6.81    | 0      | 8                      | 1.75-11   | 6.01    | 0      |
| Chromium    |                        |           |         |        |                        |           |         |        |
| (mg/kg)     | 16                     | 10.3-20.8 | 15.85   | 0      | 16                     | 10.3-20.8 | 15.85   | 0      |
| Lead        |                        |           |         |        |                        |           |         |        |
| (mg/kg)     | 16                     | 8-817     | 62.78   | 1      | 16                     | 8-817     | 62.78   | 1      |
| PAH         |                        |           |         |        |                        |           |         |        |
| (mg/kg)     | 24                     | 0-2.89    | 0.25    | 3      | 24                     | 0-2.89    | 0.25    | 3      |
| PCB         |                        |           |         |        |                        |           |         |        |
| (mg/kg)     | 20                     | 0-6       | 0.34    | 2      | 20                     | 0-6       | 0.34    | 2      |
| Radium 226  |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | 6                      | 1.7-2.38  | 2.04    | 0      | 6                      | 0.94-1.69 | 1.27    | 0      |
| Radium 228  |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | 6                      | 1.14-1.46 | 1.28    | 0      | 6                      | 0.64-1.41 | 1.13    | 0      |
| Ra226/Ra228 |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | 6                      | 2.84-3.63 | 3.31    | 0      | 6                      | 1.91-2.96 | 2.39    | 0      |
| Thallium    |                        |           |         |        |                        |           |         |        |
| (mg/kg)     | 6                      | 0.38-1    | 0.58    | 0      | 6                      | 0.38-1    | 0.58    | 0      |
| Thorium 230 |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | 17                     | 1.21-3.6  | 2.51    | 0      | 17                     | 1.21-3.6  | 2.51    | 0      |
| Thorium 232 |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | See Radium 228 Results |           |         |        | See Radium 228 Results |           |         |        |
| Uranium 238 |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | 30                     | 1.4-37.5  | 7.46    | 1      | 30                     | 1.43-37.0 | 7.47    | 1      |

Two PCB hot spot areas were identified from the sample results at sample locations SC-05906-C and SC-05907-S. These PCB concentrations were above the cleanup criteria and the total area exceeded 25 m<sup>2</sup>, therefore, additional soil excavation was completed and resamples were collected. Resamples were identified as SC-05908-C-RS01 thru SC-05906-C-RS05. Analytical results from resamples indicated concentrations were below the ALARA goal, and are presented in Appendix D. No deviations from the sampling plan occurred at CU59.

All averages were below the ALARA goal. One lead result (SC-06522-S) exceeded the surface cleanup criteria. Since this location was in the bottom of a utility trench and would receive more than 6 in. of backfill and remain undisturbed, the concentration was compared to the lead subsurface soil cleanup criteria. Therefore, this area did not require additional excavation. An Inter-Office Correspondence (IOC) discussing the use of subsurface soil cleanup criteria is presented in Appendix E.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling and remediation activities were completed, and Disposition Forms were reviewed and signed. Confirmation Unit 59 was released back to the subcontractor for unrestricted use on September 13, 1996.

#### **5.10 Confirmation Unit 60**

Confirmation Unit 60 is located on the southern edge of Building 301 in the southern portion of RU7. The COCs identified for CU60 included: U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, thallium, PAHs, and PCBs. Contaminated soils and utility lines were removed and confirmation samples were collected. The subcontractor released Confirmation Unit 60 to the PMC on October 17, 1996, for confirmation sampling.

The radioactivity background readings collected for CU60 ranged between 10,000 cpm and 11,000 cpm. All final radioactivity levels were less than 1.5 times the background levels. The final walkover surveys for this CU were completed October 17, 1996.

Confirmation soil samples were collected at 31 designated locations (see Figure A-9, Appendix A). Six of the predetermined sample location fell within the utility trench. No additional utility sample locations were added. Table 5-9 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

Table 5-9 Confirmation Unit 60 Analytical Results Summary

| Contaminant         | Preliminary Results    |           |         |                            | Final Results          |           |         |                            |
|---------------------|------------------------|-----------|---------|----------------------------|------------------------|-----------|---------|----------------------------|
|                     | No. of Samples         | Range     | Average | No. of Samples Above ALARA | No. of Samples         | Range     | Average | No. of Samples Above ALARA |
| Arsenic (mg/kg)     | 15                     | 2.2-12.3  | 6.59    | 0                          | 15                     | 1.1-12.3  | 6.42    | 0                          |
| Chromium (mg/kg)    | 15                     | 8.8-19.1  | 14.37   | 0                          | 15                     | 8.8-19.1  | 14.37   | 0                          |
| Lead (mg/kg)        | 15                     | 7.1-24.3  | 14.02   | 0                          | 15                     | 7.1-24.3  | 14.02   | 0                          |
| PAH (mg/kg)         | 12                     | 0-2.89    | 0.37    | 2                          | 12                     | 0-2.89    | 0.37    | 2                          |
| PCB (mg/kg)         | 15                     | 0         | 0.00    | 0                          | 15                     | 0         | 0.00    | 0                          |
| Radium 226 (pCi/g)  | 15                     | 1.27-3.04 | 2.21    | 0                          | 15                     | 0.88-1.66 | 1.38    | 0                          |
| Radium 228 (pCi/g)  | 15                     | 0.43-1.66 | 1.28    | 0                          | 15                     | 1-1.88    | 1.37    | 0                          |
| Ra226/Ra228 (pCi/g) | 15                     | 2.58-4.44 | 3.49    | 0                          | 15                     | 2.21-3.49 | 2.75    | 0                          |
| Thallium (mg/kg)    | 6                      | 0.4-1.4   | 0.67    | 0                          | 6                      | 0.4-0.91  | 0.55    | 0                          |
| Thorium 230 (pCi/g) | 15                     | 0.79-1.09 | 0.93    | 0                          | 15                     | 0.79-1.09 | 0.93    | 0                          |
| Thorium 232 (pCi/g) | See Radium 228 Results |           |         |                            | See Radium 228 Results |           |         |                            |
| Toluene (mg/kg)     | 3                      | 0.003-3.5 | 1.17    | 0                          | 3                      | 0.003-3.5 | 1.13    | 0                          |
| Uranium 238 (pCi/g) | 30                     | 1.48-6.88 | 2.61    | 0                          | 30                     | 1.48-6.88 | 2.64    | 0                          |

N/A Average not applicable.

Deviations from the sampling plan occurred at CU60 when a toluene area was identified in the southwest portion of this CU. Toluene is not a COC listed in the Record of Decision (ROD) (Ref. 3) subsequently, there were no specific cleanup standards applicable to the remedial cleanup. After further evaluation of available information, an ALARA goal and cleanup criteria were established using Missouri Department of Natural Resources "any use soils" cleanup levels and Argonne National Laboratory risk-based calculations. All associated information regarding the identification of cleanup standards is discussed in detail in the October 20, 1996, IOC in

Appendix E. Further sampling and excavation were resumed after the initial identification of cleanup standards.

Toluene areas were further identified and delineated by sample locations SC-06000-HS01, SC-06000-HS02, SC-06000-HS03, and SC-06000-HS04. The toluene areas were remediated and resampled. Sample results indicated toluene concentrations were in exceedance of the ALARA goal. Since toluene was not a COC identified as part of the original WP-420 remedial activities, toluene was listed in the master database but was not included on the Disposition Form. The final analytical results for samples collected within the toluene areas indicated that remedial activities were completed and met the established cleanup standards.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 60 was released back to the subcontractor for unrestricted use on October 25, 1996.

#### 5.11 Confirmation Unit 61

Confirmation Unit 61 is located in the Building 301 foundation area in south-central portion of RU7. The COCs identified for CU61 included U-238, Ra-226, Ra-228, Th-230, arsenic, chromium, lead, and PCBs. There were no utility lines located within CU61. The subcontractor released Confirmation Unit 61 to the PMC on September 25, 1996, for confirmation sampling.

The radioactivity background readings collected for CU61 ranged between 9,100 cpm and 10,500 cpm. All final radioactivity levels were less than 1.5 times the background levels. The final walkover surveys for this CU were completed on September 25, 1996.

Confirmation soil samples were collected from 30 designated locations (see Figure A-10, Appendix A). Table 5-10 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

Table 5-10 Confirmation Unit 61 Analytical Results Summary

| Contaminant         | Preliminary Results    |            |         |                            | Final Results          |           |         |                            |
|---------------------|------------------------|------------|---------|----------------------------|------------------------|-----------|---------|----------------------------|
|                     | No. of Samples         | Range      | Average | No. of Samples Above ALARA | No. of Samples         | Range     | Average | No. of Samples Above ALARA |
| Arsenic (mg/kg)     | 20                     | 3.6-16     | 8.05    | 0                          | 20                     | 3.6-16    | 8.05    | 0                          |
| Chromium (mg/kg)    | 20                     | 10.9-19.7  | 15.09   | 0                          | 20                     | 10.9-19.7 | 15.09   | 0                          |
| Lead (mg/kg)        | 20                     | 7.1-24.3   | 13.51   | 0                          | 20                     | 7.1-24.3  | 13.51   | 0                          |
| PCB (mg/kg)         | 20                     | 0-0.08     | 0.004   | 0                          | 20                     | 0-0.08    | 0.004   | 0                          |
| Radium 226 (pCi/g)  | 20                     | 1.27-2.84  | 2.17    | 0                          | 20                     | 0.89-1.71 | 1.37    | 0                          |
| Radium 228 (pCi/g)  | 20                     | 1.09-1.6   | 1.29    | 0                          | 20                     | 0.83-1.84 | 1.22    | 0                          |
| Ra226/Ra228 (pCi/g) | 20                     | 2.58-4.39  | 3.46    | 0                          | 20                     | 1.52-3.21 | 2.59    | 0                          |
| Thorium 230 (pCi/g) | 20                     | 0.67-1.24  | 0.94    | 0                          | 20                     | 0.67-1.26 | 0.95    | 0                          |
| Thorium 232 (pCi/g) | See Radium 228 Results |            |         |                            | See Radium 228 Results |           |         |                            |
| Uranium 238 (pCi/g) | 30                     | 1.48-23.47 | 3.57    | 0                          | 30                     | 1.48-23.5 | 3.56    | 0                          |

No hot spot areas were identified from the sample results. No additional soil excavation was required. One deviation from the sampling plan occurred at CU61 when sample location SC-06113-S-RS (a boundary sample located in CU62 was resampled). The reconfirmation of a previously confirmed portion of the CU was required when a subcontractor drove a vehicle from an unconfirmed area across the CU during the remediation of the toluene area. Sample SC-06113-RS is also included in the CU62 discussion.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. This CU was released back to the subcontractor for unrestricted use on October 7, 1996.

### 5.12 Confirmation Unit 62

Confirmation Unit 62 is located in the western boundary of RU7. The COCs identified for CU62 included U-238, Ra-226, Ra-228, Th-230, arsenic, chromium, lead, and PCB's. There were no utility lines located within CU62. The subcontractor released Confirmation Unit 62 to the PMC on October 8, 1996, for confirmation sampling.

The radioactivity background readings collected for CU62 ranged between 10,500 cpm and 11,000 cpm. All final radioactivity levels were less than 1.5 times the background levels. The final walkover surveys for this CU were completed on October 8, 1996.

Confirmation soil samples were collected from 31 designated locations (see Figure A-11, Appendix A). Table 5-11 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

No hot spot areas were identified from the sample results. No additional soil excavation was required. One deviation from the sampling plan occurred at CU62 when sample location SC-06113-S-RS (a boundary sample with CU61 was resampled). The collection and analysis of a previously confirmed portion of the CU was required when a subcontractor drove a vehicle from an unconfirmed area across the CU during the remediation of the toluene area.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. This CU was released back to the subcontractor for unrestricted use on October 16, 1996.

Table 5-11 Confirmation Unit 62 Analytical Results Summary

| Contaminant | Preliminary Results    |            |         |                            | Final Results          |           |         |                            |
|-------------|------------------------|------------|---------|----------------------------|------------------------|-----------|---------|----------------------------|
|             | No. of Samples         | Range      | Average | No. of Samples Above ALARA | No. of Samples         | Range     | Average | No. of Samples Above ALARA |
| Arsenic     |                        |            |         |                            |                        |           |         |                            |
| (mg/kg)     | 23                     | 4.5-24.6   | 10.77   | 0                          | 23                     | 4.5-24.6  | 10.77   | 0                          |
| Chromium    |                        |            |         |                            |                        |           |         |                            |
| (mg/kg)     | 23                     | 10.9-22.6  | 16.57   | 0                          | 23                     | 10.9-22.6 | 16.57   | 0                          |
| Lead        |                        |            |         |                            |                        |           |         |                            |
| (mg/kg)     | 23                     | 8.4-44.1   | 17.25   | 0                          | 23                     | 8.4-44.1  | 17.25   | 0                          |
| PCB         |                        |            |         |                            |                        |           |         |                            |
| (mg/kg)     | 23                     | 0-0.69     | 0.10    | 1                          | 23                     | 0-0.69    | 0.10    | 1                          |
| Radium 226  |                        |            |         |                            |                        |           |         |                            |
| (pCi/g)     | 25                     | 1.7-3.36   | 2.30    | 0                          | 25                     | 1.03-1.66 | 1.39    | 0                          |
| Radium 228  |                        |            |         |                            |                        |           |         |                            |
| (pCi/g)     | 25                     | 0.61-2.69  | 1.39    | 0                          | 25                     | 0.59-2.26 | 1.31    | 0                          |
| Ra226/Ra228 |                        |            |         |                            |                        |           |         |                            |
| (pCi/g)     | 25                     | 2.82-4.94  | 3.69    | 0                          | 25                     | 1.8-3.74  | 2.70    | 0                          |
| Thorium 230 |                        |            |         |                            |                        |           |         |                            |
| (pCi/g)     | 23                     | 0.67-1.73  | 1.11    | 0                          | 23                     | 0.67-1.73 | 1.10    | 0                          |
| Thorium 232 |                        |            |         |                            |                        |           |         |                            |
| (pCi/g)     | See Radium 228 Results |            |         |                            | See Radium 228 Results |           |         |                            |
| Uranium 238 |                        |            |         |                            |                        |           |         |                            |
| (pCi/g)     | 31                     | 1.48-39.88 | 6.25    | 1                          | 31                     | 1.48-43.1 | 6.09    | 1                          |

### 5.13 Confirmation Unit 63

Confirmation Unit 63 is located on the northwest corner of Building 301 along the western boundary of RU7. The COCs identified for this CU included U-238, Th-230, Th-232, Ra-226, Ra-228, arsenic, chromium, lead, and PCBs. There were no utility lines located within this CU. The subcontractor released Confirmation Unit 63 to the PMC on September 19, 1996, for confirmation.

The radioactivity background reading collected for CU63 was 12,600 cpm. The final radioactivity levels were less than 1.5 times the background level. The final walkover surveys for this CU were completed on September 19, 1996.

Confirmation soil samples were collected from 32 designated locations (see Figure A-12, Appendix A). Table 5-12 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

Table 5-12 Confirmation Unit 63 Analytical Results Summary

| Contaminant | Preliminary Results    |            |         |        | Final Results          |           |         |        |
|-------------|------------------------|------------|---------|--------|------------------------|-----------|---------|--------|
|             | No. of                 |            |         | No. of | No. of                 |           |         | No. of |
|             | Samples                | Range      | Average | Above  | Samples                | Range     | Average | Above  |
|             |                        |            |         | ALARA  |                        |           |         | ALARA  |
| Arsenic     |                        |            |         |        |                        |           |         |        |
| (mg/kg)     | 29                     | 4.5-24.6   | 8.85    | 0      | 29                     | 4.5-24.6  | 8.85    | 0      |
| Chromium    |                        |            |         |        |                        |           |         |        |
| (mg/kg)     | 29                     | 12.9-25    | 16.37   | 0      | 29                     | 12.9-25   | 16.37   | 0      |
| Lead        |                        |            |         |        |                        |           |         |        |
| (mg/kg)     | 29                     | 8-27.3     | 14.60   | 0      | 29                     | 8-27.3    | 14.60   | 0      |
| PCB         |                        |            |         |        |                        |           |         |        |
| (mg/kg)     | 29                     | 0-1.9      | 0.11    | 1      | 29                     | 0-1.9     | 0.11    | 1      |
| Radium 226  |                        |            |         |        |                        |           |         |        |
| (pCi/g)     | 29                     | 1.86-3.09  | 2.35    | 0      | 29                     | 1.01-1.61 | 1.32    | 0      |
| Radium 228  |                        |            |         |        |                        |           |         |        |
| (pCi/g)     | 29                     | 0.56-1.97  | 1.20    | 0      | 29                     | 0.63-1.88 | 1.26    | 0      |
| Ra226/Ra228 |                        |            |         |        |                        |           |         |        |
| (pCi/g)     | 29                     | 2.56-4.38  | 3.55    | 0      | 29                     | 1.65-3.18 | 2.58    | 0      |
| Thorium 230 |                        |            |         |        |                        |           |         |        |
| (pCi/g)     | 29                     | 0.74-1.54  | 1.07    | 0      | 29                     | 0.74-1.54 | 1.06    | 0      |
| Thorium 232 |                        |            |         |        |                        |           |         |        |
| (pCi/g)     | See Radium 228 Results |            |         |        | See Radium 228 Results |           |         |        |
| Uranium 238 |                        |            |         |        |                        |           |         |        |
| (pCi/g)     | 31                     | 1.52-51.01 | 6.34    | 1      | 31                     | 1.52-49.4 | 6.52    | 1      |

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required. No deviations from the sampling plan occurred at CU63.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. This CU was released back to the subcontractor for unrestricted use on September 27, 1996.

#### 5.14 Confirmation Unit 64

Confirmation Unit 64 is located on the north-east corner of Building 301 in the central portion of RU7. The COCs identified for CU64 included U-238, Th-230, Th-232, Ra-226, Ra-228, arsenic, chromium, lead, thallium, PAHs and PCBs. Contaminated soils and utility lines were removed and confirmation samples were collected. The subcontractor released Confirmation Unit 64 to the PMC on September 19, 1996, for confirmation sampling.

The radioactivity background reading collected for CU64 was 11,900 cpm. All final radioactivity levels were less than 1.5 times the background level. The final walkover surveys for this CU were completed on September 19, 1996.

Confirmation soil samples were collected from 45 designated locations (see Figure A-13, Appendix A). Ten of the predetermined sample locations fell within the utility corridor. No additional utility sample locations were added. Table 5-13 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required. No deviations from the sampling plan occurred at CU64.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. This CU was released back to the subcontractor for unrestricted use on September 27, 1996.

Table 5-13 Confirmation Unit 64 Analytical Results Summary

| Contaminant | Preliminary Results |           |         |        | Final Results |           |         |        |
|-------------|---------------------|-----------|---------|--------|---------------|-----------|---------|--------|
|             | No. of              |           |         | No. of | No. of        |           |         | No. of |
|             | Samples             | Range     | Average | Above  | Samples       | Range     | Average | Above  |
|             |                     |           |         | ALARA  |               |           |         | ALARA  |
| Arsenic     |                     |           |         |        |               |           |         |        |
| (mg/kg)     | 39                  | 4.6-16.5  | 8.49    | 0      | 39            | 4.6-16.5  | 8.49    | 0      |
| Chromium    |                     |           |         |        |               |           |         |        |
| (mg/kg)     | 39                  | 11.4-23.8 | 16.99   | 0      | 39            | 11.4-23.8 | 16.99   | 0      |
| Lead        |                     |           |         |        |               |           |         |        |
| (mg/kg)     | 39                  | 7.4-29.6  | 14.70   | 0      | 39            | 7.4-29.6  | 14.70   | 0      |

| Table 5-13 Confirmation Unit 64 Analytical Results Summary (Continued) |                        |            |         |                            |                        |           |         |                            |
|--|------------------------|------------|---------|----------------------------|------------------------|-----------|---------|----------------------------|
| Contaminants   | Preliminary Results    |            |         |                            | Final Results          |           |         |                            |
|  | No. of Sample          | Range      | Average | No. of Samples Above ALARA | No. of Samples         | Range     | Average | No. of Samples Above ALARA |
| PAH  |                        |            |         |                            |                        |           |         |                            |
| (mg/kg)  | 4                      | 0-0.07     | 0.03    | 0                          | 4                      | 0-0.07    | 0.03    | 0                          |
| PCB  |                        |            |         |                            |                        |           |         |                            |
| (mg/kg)  | 41                     | 0-0.08     | 0.004   | 0                          | 41                     | 0-0.08    | 0.004   | 0                          |
| Radium 226   |                        |            |         |                            |                        |           |         |                            |
| (pCi/g)  | 39                     | 0.95-2.88  | 2.36    | 0                          | 39                     | 0.89-1.71 | 1.36    | 0                          |
| Radium 228   |                        |            |         |                            |                        |           |         |                            |
| (pCi/g)  | 39                     | 0.59-1.76  | 1.25    | 0                          | 39                     | 0.59-1.78 | 1.22    | 0                          |
| Ra226/Ra228  |                        |            |         |                            |                        |           |         |                            |
| (pCi/g)  | 39                     | 2.22-4.53  | 3.61    | 0                          | 39                     | 1.52-3.31 | 2.58    | 0                          |
| Thallium   |                        |            |         |                            |                        |           |         |                            |
| (mg/kg)  | 5                      | 0.4-0.91   | 0.68    | 0                          | 5                      | 0.4-0.91  | 0.68    | 0                          |
| Thorium 230  |                        |            |         |                            |                        |           |         |                            |
| (pCi/g)  | 39                     | 0.7-1.42   | 0.98    | 0                          | 39                     | 0.09-1.42 | 0.97    | 0                          |
| Thorium 232  |                        |            |         |                            |                        |           |         |                            |
| (pCi/g)  | See Radium 228 Results |            |         |                            | See Radium 228 Results |           |         |                            |
| Uranium 238  |                        |            |         |                            |                        |           |         |                            |
| (pCi/g)  | 36                     | 1.54-11.81 | 2.81    | 0                          | 36                     | 1.59-11.7 | 3.01    | 0                          |

### 5.15 Confirmation Unit 65

This CU is located at the southwest corner of the Building 408 foundation, in the central portion of RU7. The COCs identified for CU65 included U-238, Ra-226, Ra-228, Th-230, arsenic, chromium, lead, thallium, PAHs and PCBs. Contaminated soils and utility lines were removed and confirmation samples were collected. Confirmation Unit 65 was released in two partial areas, the first partial area on August 27, 1996, and the remaining partial area on September 5, 1996.

The radioactivity walkover surveys were also completed in two areas with a radioactivity background reading of 12,000 cpm. The final walkover survey for the first partial area was completed on August 27 and 28, 1996. The final walkover survey for the remaining partial area was completed on September 5, 1996. All final radioactivity readings were less than 1.5 times the background levels.

Confirmation soil samples were collected from 36 designated locations (see Figure A-14, Appendix A). Fourteen of the predetermined sample locations were in the utility corridor. No additional utility sampling locations were necessary. Table 5-14 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

Table 5-14 Confirmation Unit 65 Analytical Results Summary

| Contaminant | Preliminary Results |           |         |        | Final Results |           |         |        |
|-------------|---------------------|-----------|---------|--------|---------------|-----------|---------|--------|
|             | No. of              |           |         | No. of |               |           |         | No. of |
|             | Samples             | Range     | Average | Above  | No. of        | Range     | Average | Above  |
|             |                     |           |         | ALARA  | Samples       |           |         | ALARA  |
| Arsenic     |                     |           |         |        |               |           |         |        |
| (mg/kg)     | 22                  | 1.3-22.1  | 7.74    | 0      | 22            | 1.3-22.1  | 7.74    | 0      |
| Chromium    |                     |           |         |        |               |           |         |        |
| (mg/kg)     | 22                  | 12-20.3   | 15.77   | 0      | 22            | 12-20.3   | 15.77   | 0      |
| Lead        |                     |           |         |        |               |           |         |        |
| (mg/kg)     | 22                  | 6.4-817   | 50.18   | 1      | 22            | 6.4-817   | 50.18   | 1      |
| PAH         |                     |           |         |        |               |           |         |        |
| (mg/kg)     | 21                  | 0-1.31    | 0.10    | 2      | 21            | 0-1.31    | 0.10    | 2      |
| PCB         |                     |           |         |        |               |           |         |        |
| (mg/kg)     | 25                  | 0-0.19    | 0.01    | 0      | 25            | 0-0.19    | 0.01    | 0      |
| Radium 226  |                     |           |         |        |               |           |         |        |
| (pCi/g)     | 14                  | 1.25-2.88 | 2.14    | 0      | 14            | 1.19-1.55 | 1.36    | 0      |
| Radium 228  |                     |           |         |        |               |           |         |        |
| (pCi/g)     | 14                  | 0.55-1.47 | 1.13    | 0      | 14            | 0.58-1.78 | 1.28    | 0      |
| Ra226/Ra228 |                     |           |         |        |               |           |         |        |
| (pCi/g)     | 14                  | 2.37-4.03 | 3.27    | 0      | 14            | 1.93-3.17 | 2.64    | 0      |
| Thallium    |                     |           |         |        |               |           |         |        |
| (mg/kg)     | 14                  | 0.35-1.8  | 0.69    | 0      | 14            | 0.35-1.8  | 0.69    | 0      |
| Thorium 230 |                     |           |         |        |               |           |         |        |
| (pCi/g)     | 21                  | 0.73-3.03 | 1.36    | 0      | 21            | 0.73-3.03 | 1.36    | 0      |
| Uranium 238 |                     |           |         |        |               |           |         |        |
| (pCi/g)     | 35                  | 1.37-16.1 | 3.81    | 0      | 35            | 1.37-15.6 | 3.76    | 0      |

NOTE: This table does not include the ORISE hotspot results.

A lead hot spot area was identified at sample location SC-06522-S. The hot spot area left in place exceeded the surface soil cleanup criteria; however, since this sample was collected in the bottom of a utility trench and would receive more than 6 in. of backfill, the concentration was compared to the subsurface soil cleanup criteria. An IOC discussing the use of subsurface soil cleanup criteria is presented in Appendix E.

Two areas were identified by ORISE during walkovers near confirmation sample locations SC-06511-S and SC-06518-S. The U-238 concentration at sample location SC-06511-S-HS01 exceeded the cleanup criteria, but met the hot spot rule calculation discussed in Section 2.6.1. Appendix F presents the hot spot calculation for this area. Therefore, the hot spot area did not require additional excavation. All results from sample location SC-06518-S-HS01 were less than the ALARA goal, therefore no additional soil excavation was required.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. This CU was released back to the subcontractor for unrestricted use on September 13, 1996.

#### **5.16 Confirmation Unit 66**

Confirmation Unit 66 is located along the southern portion of the Building 408 foundation in the eastern portion of RU7. The COCs identified for CU66 included U-238, Th-230, Ra-226, Ra-228, arsenic, chromium, lead, PCBs, and PAHs. Contaminated soils and utility lines were removed and confirmation samples were collected. The subcontractor released Confirmation Unit 66 to the PMC on August 21, 1996, for confirmation sampling.

The radioactivity background readings collected for CU66 ranged between 5,000 cpm (shielded) and 12,000 cpm (unshielded). All final walkover results were less than 1.5 times the background levels. The final walkover surveys for this CU were completed on August 21, 1996.

Confirmation soil samples were collected from 32 designated locations (see Figure A-15, Appendix A). Five of the predetermined sample locations fell within the utility trench. No additional utility sample locations were added. Table S-15 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

Table 5-15 Confirmation Unit 66 Analytical Results Summary

| Contaminant         | Preliminary Results |          |         |                            | Final Results  |          |         |                            |
|---------------------|---------------------|----------|---------|----------------------------|----------------|----------|---------|----------------------------|
|                     | No. of Samples      | Range    | Average | No. of Samples Above ALARA | No. of Samples | Range    | Average | No. of Samples Above ALARA |
| Arsenic (mg/kg)     | 27                  | 1.3-16.3 | 7.79    | 0                          | 27             | 1.3-16.3 | 7.79    | 0                          |
| Chromium (mg/kg)    | 27                  | 5-23.6   | 14.93   | 0                          | 27             | 5-23.6   | 14.93   | 0                          |
| Lead (mg/kg)        | 27                  | 6.4-55.4 | 16.74   | 0                          | 27             | 6.4-55.4 | 16.74   | 0                          |
| PAH (mg/kg)         | 1                   | 0.58     | 0.58    | 1                          | 1              | 0.58     | 0.58    | 1                          |
| PCB (mg/kg)         | 27                  | 0-0.2    | 0.01    | 0                          | 27             | 0-0.2    | 0.01    | 0                          |
| Radium 226 (pCi/g)  | 26                  | 1.68-3.7 | 2.35    | 0                          | 26             | 1.09-2.1 | 1.47    | 0                          |
| Radium 228 (pCi/g)  | 26                  | 0.55-1.5 | 1.18    | 0                          | 26             | 0.42-1.4 | 1.10    | 0                          |
| Ra226/Ra228 (pCi/g) | 26                  | 2.59-5.0 | 3.54    | 1                          | 26             | 1.64-3.4 | 2.57    | 0                          |
| Thorium 230 (pCi/g) | 29                  | 1.08-3.0 | 2.55    | 0                          | 29             | 1.08-3.0 | 2.55    | 0                          |
| Uranium 238 (pCi/g) | 29                  | 1.37-4.3 | 1.81    | 0                          | 29             | 1.45-6.3 | 2.07    | 0                          |

The PAH average for the CU was above the ALARA goal. According to the *Confirmation Attainment Plan* (Ref. 5), more than 50% of the samples for each parameter must be less than ALARA by the end of confirmation. Since more than 50% of the number of confirmation PAH results to date were less than ALARA, the ALARA committee released the CU.

ORISE identified two areas with elevated gamma readings during walkover surveys. One area was identified near sample location SC-06610-S and the other area was identified near sample location SC-06611-S. Hot spot samples were collected from the identified areas. Sample results from SC-06610-S-HS01 indicated Ra-226 concentrations exceeding three times cleanup criteria. Although sample results from SC-06611-S-HS01 indicated radium concentration above criteria, but meeting the hot spot rule, this area was remediated along with SC-06610-S-HS01

Pages 44 and 45 are unavailable

The radioactivity background readings collected for CU68 ranged between 11,000 cpm and 12,000 cpm. All final radioactivity readings were less than 1.5 times the background levels. The final walkover surveys for this CU were completed on August 22, 1996.

Confirmation soil samples were collected from 32 designated locations (see Figure A-17, Appendix A). Table 5-17 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required. No deviations from the sampling plan occurred at CU68.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. This CU was released back to the subcontractor for unrestricted use on August 30, 1996.

Table 5-17 Confirmation Unit 68 Analytical Results Summary

| Contaminant | Preliminary Results |           |         |                   | Final Results     |           |         |                   |
|-------------|---------------------|-----------|---------|-------------------|-------------------|-----------|---------|-------------------|
|             |                     |           |         | No. of<br>Samples |                   |           |         | No. of<br>Samples |
|             | No. of<br>Samples   | Range     | Average | Above<br>ALARA    | No. of<br>Samples | Range     | Average | Above<br>ALARA    |
| Arsenic     |                     |           |         |                   |                   |           |         |                   |
| (mg/kg)     | 32                  | 4.9-20.6  | 10.22   | 0                 | 32                | 4.9-20.6  | 10.22   | 0                 |
| Chromium    |                     |           |         |                   |                   |           |         |                   |
| (mg/kg)     | 32                  | 9.3-22.1  | 15.47   | 0                 | 32                | 9.3-22.1  | 15.47   | 0                 |
| Lead        |                     |           |         |                   |                   |           |         |                   |
| (mg/kg)     | 32                  | 9.8-34.6  | 17.62   | 0                 | 32                | 9.8-34.6  | 17.62   | 0                 |
| PCB         |                     |           |         |                   |                   |           |         |                   |
| (mg/kg)     | 32                  | 0-0.21    | 0.02    | 0                 | 32                | 0-0.21    | 0.02    | 0                 |
| Radium 226  |                     |           |         |                   |                   |           |         |                   |
| (pCi/g)     | 4                   | 2.07-2.34 | 2.22    | 0                 | 4                 | 1.22-1.53 | 1.40    | 0                 |
| Radium 228  |                     |           |         |                   |                   |           |         |                   |
| (pCi/g)     | 4                   | 1.11-1.33 | 1.24    | 0                 | 4                 | 0.42-1.1  | 0.80    | 0                 |

| Table 5-17 Confirmation Unit 68 Analytical Results Summary (Continued) |                     |            |         |                            |                |           |         |                            |
|--|---------------------|------------|---------|----------------------------|----------------|-----------|---------|----------------------------|
| Contaminants   | Preliminary Results |            |         |                            | Final Results  |           |         |                            |
|  | No. of Samples      | Range      | Average | No. of Samples Above ALARA | No. of Samples | Range     | Average | No. of Samples Above ALARA |
| Ra226/Ra228  |                     |            |         |                            |                |           |         |                            |
| (pCi/g)  | 4                   | 3.3-3.67   | 3.46    | 0                          | 4              | 1.64-2.63 | 2.20    | 0                          |
| Thorium 230  |                     |            |         |                            |                |           |         |                            |
| (pCi/g)  | 32                  | 0.88-2.95  | 1.77    | 0                          | 32             | 0.88-2.95 | 1.77    | 0                          |
| Uranium 238  |                     |            |         |                            |                |           |         |                            |
| (pCi/g)  | 32                  | 1.37-21.17 | 3.15    | 0                          | 32             | 1.37-21.2 | 3.22    | 0                          |

### 5.19 Confirmation Unit 69

Confirmation Unit 69 is located across from the northern portion of the Building 408 foundation, in the northeastern portion of RU7. The COCs identified for CU69 included U-238, Ra-226, Ra-228, Th-230, arsenic, chromium, lead, PAHs, and PCBs. Contaminated soils and utility lines were removed and confirmation samples were collected. Confirmation Unit 69 was released to the PMC on August 19, 1996 by the subcontractor for confirmation sampling.

The radioactivity background readings collected for CU69 ranged between 4,000 cpm (shielded detector) and 11,500 cpm (unshielded detector). All final radioactivity readings were less than 1.5 times the background levels, with the exception of a small area in the northwest corner that was approximately 1.6 times the background level. An informational sample was collected from this area to determine whether the elevated readings were caused by interfering radiation given off by the raffinate pits or if readings were caused by elevated concentrations of radiological contamination located in the area. The sample result indicated all radiological concentrations were less than ALARA; therefore, the entire area was turned over for confirmation sampling. The final walkover surveys for this CU were completed on August 19, 1996.

Confirmation soil samples were collected from 42 designated locations. One of the predetermined sample locations fell within the utility corridor and one additional utility sample location was added. (see Figure A-18, Appendix A). Table 5-18 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

Table 5-18 Confirmation Unit 69 Analytical Results Summary

| Contaminant | Preliminary Results |           |         |        | Final Results |           |         |        |
|-------------|---------------------|-----------|---------|--------|---------------|-----------|---------|--------|
|             | No. of              |           |         | No. of |               |           |         | No. of |
|             | Samples             | Range     | Average | Above  | No. of        | Range     | Average | Above  |
|             |                     |           |         | ALARA  | Samples       |           |         | ALARA  |
| Arsenic     |                     |           |         |        |               |           |         |        |
| (mg/kg)     | 31                  | 2.9-25.6  | 9.95    | 0      | 31            | 2.9-25.6  | 9.95    | 0      |
| Chromium    |                     |           |         |        |               |           |         |        |
| (mg/kg)     | 31                  | 10-24.3   | 16.97   | 0      | 31            | 10-24.3   | 16.97   | 0      |
| Lead        |                     |           |         |        |               |           |         |        |
| (mg/kg)     | 31                  | 8.7-101   | 20.05   | 0      | 31            | 8.7-101   | 20.05   | 0      |
| PAH         |                     |           |         |        |               |           |         |        |
| (mg/kg)     | 5                   | 0-0.3     | 0.12    | 0      | 5             | 0-0.3     | 0.12    | 0      |
| PCB         |                     |           |         |        |               |           |         |        |
| (mg/kg)     | 31                  | 0-0.26    | 0.02    | 0      | 31            | 0-0.26    | 0.02    | 0      |
| Radium 226  |                     |           |         |        |               |           |         |        |
| (pCi/g)     | 6                   | 1.88-2.45 | 2.21    | 0      | 6             | 1.34-1.54 | 1.45    | 0      |
| Radium 228  |                     |           |         |        |               |           |         |        |
| (pCi/g)     | 6                   | 1.09-1.5  | 1.31    | 0      | 6             | 1.08-1.85 | 1.30    | 0      |
| Ra226/Ra228 |                     |           |         |        |               |           |         |        |
| (pCi/g)     | 6                   | 3.31-3.78 | 3.52    | 0      | 6             | 2.54-3.19 | 2.75    | 0      |
| Thorium 230 |                     |           |         |        |               |           |         |        |
| (pCi/g)     | 31                  | 2.43-3.86 | 2.79    | 0      | 31            | 2.43-3.86 | 2.78    | 0      |
| Uranium 238 |                     |           |         |        |               |           |         |        |
| (pCi/g)     | 34                  | 1.1-29.31 | 4.50    | 0      | 34            | 1.1-29.3  | 4.54    | 0      |

NOTE: This table does not include the ORISE hotspot results.

During their walkover surveys, ORISE identified two areas with elevated gamma readings near SC-06901-S and SC-06913-S. Hot spot samples were collected. The results from the first area, SC-06901-S-HS01, indicated the U-238 concentration was above ALARA but below the cleanup criteria; therefore, no additional soil excavation was required. The other area, SC-06913-S-HS01, indicated Ra-226 concentrations greater than 3 times criteria. Additional remediation was conducted and resamples were collected and identified as SC-06913-S-RS01. Analytical results indicated concentrations were below ALARA. An IOC discussing these sample results was issued and is presented in Appendix E.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the

*Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. This CU was released back to the subcontractor for unrestricted use on August 26, 1996.

## 5.20 Confirmation Unit 70

Confirmation Unit 70 is located in the northeast corner of RU7. The COCs identified for this section of CU70 included U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, lead, chromium, PAHs and PCBs. This CU was released as two partial areas. There were no utilities removed in the first partial area. Contaminated soils and utility lines were removed and confirmation samples were collected.

The radioactivity background reading collected for the first partial area of CU70 was 10,000 cpm. The radioactivity background readings for the remaining area ranged between 5,400 cpm (shielded detector) and 10,300 cpm (unshielded detector). The final radioactivity readings for both partial areas were less than 1.5 times the background levels. The final walkovers of these partial areas were completed on June 4, September 14, and September 30, 1996.

Confirmation soil samples were collected from the first partial area on June 5 and June 13, 1996, at eight of the 32 designated locations (see Figure A-19, Appendix A). Confirmation soil samples were collected from the remaining 24 areas at 32 locations. Eight sample locations were located near the utility corridor. No additional utility sample locations were added. Table 5-19 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required. Deviations from the sampling plan occurred at CU70. Sample location SC-07009-S was located outside of the controlled area and SC-07017-S was located in a non-excavated area under the fuel tanks and, therefore, neither sample was collected. SC-07017-S will be addressed under a future work package.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 70 was released back to the subcontractor for unrestricted use on October 8, 1996.

Table 5-19 Confirmation Unit 70 Analytical Results Summary

| Contaminant | Preliminary Results    |           |         |        | Final Results          |           |         |        |
|-------------|------------------------|-----------|---------|--------|------------------------|-----------|---------|--------|
|             | No. of                 |           |         | No. of |                        |           |         | No. of |
|             | Samples                | Range     | Average | Above  | No. of                 | Range     | Average | Above  |
|             |                        |           |         | ALARA  | Samples                |           |         | ALARA  |
| Arsenic     |                        |           |         |        |                        |           |         |        |
| (mg/kg)     | 7                      | 1.9-10.3  | 4.24    | 0      | 7                      | 1.9-10.3  | 4.24    | 0      |
| Chromium    |                        |           |         |        |                        |           |         |        |
| (mg/kg)     | 7                      | 9.8-16.9  | 13.81   | 0      | 7                      | 9.8-16.9  | 13.81   | 0      |
| Lead        |                        |           |         |        |                        |           |         |        |
| (mg/kg)     | 10                     | 8-20.9    | 13.72   | 0      | 10                     | 8-20.9    | 13.72   | 0      |
| PAH         |                        |           |         |        |                        |           |         |        |
| (mg/kg)     | 2                      | 0.23-0.3  | 0.26    | 0      | 2                      | 0.23-0.3  | 0.26    | 0      |
| PCB         |                        |           |         |        |                        |           |         |        |
| (mg/kg)     | 10                     | 0         | N/A     | 0      | 10                     | 0         | N/A     | 0      |
| Radium 226  |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | 5                      | 1.7-2.47  | 2.19    | 0      | 5                      | 1.32-1.54 | 1.43    | 0      |
| Radium 228  |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | 5                      | 0.99-1.44 | 1.22    | 0      | 5                      | 0.86-1.3  | 1.13    | 0      |
| Ra226/Ra228 |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | 5                      | 2.88-3.78 | 3.41    | 0      | 5                      | 2.15-2.81 | 2.56    | 0      |
| Thorium 230 |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | 5                      | 0.78-3.2  | 1.52    | 0      | 5                      | 0.78-3.2  | 1.52    | 0      |
| Thorium 232 |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | See Radium 228 Results |           |         |        | See Radium 228 Results |           |         |        |
| Uranium 238 |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | 32                     | 1.1-13.76 | 3.02    | 0      | 32                     | 1.1-13.8  | 2.97    | 0      |

N/A Average not applicable.

## 5.21 Confirmation Unit 71

Confirmation Unit 71 is located north of Building 201, in the northern boundary of RU7. The COCs identified for CU71 included: U-238, Ra-226, Ra-228, Th-230, arsenic, chromium, lead, thallium, and PCBs. Contaminated soils and utility lines were removed and confirmation samples were collected. The subcontractor released Confirmation Unit 71 to the PMC on October 1, 1996, for confirmation sampling.

The radioactivity background readings collected for CU71 were between 9,200 cpm and 11,500 cpm. The final radioactivity readings were less than 1.5 times the background levels. The final walkovers of these partial areas were completed on October 1, 1996.

Confirmation soil samples were collected from 35 locations (see Figure A-20, Appendix A). Twenty of the predetermined sampling locations fell within the utility trench. No additional utility sample locations were added. Table 5-20 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

ORISE identified two hot spot areas during walkover survey with elevated gamma readings. This first area was 8 ft southeast from sample location SC-07108-S and the second area was 1 ft southeast from sample location SC-07109-S. Both areas were remediated immediately. Subsequent walkover surveys performed by the PMC and ORISE indicated radioactivity levels below background. No additional samples were collected.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 71 was released back to the subcontractor for unrestricted use on October 9, 1996.

Table 5-20 Confirmation Unit 71 Analytical Results Summary

| Contaminant        | Preliminary Results |           |         |                            | Final Results  |          |         |                            |
|--------------------|---------------------|-----------|---------|----------------------------|----------------|----------|---------|----------------------------|
|                    | No. of Samples      | Range     | Average | No. of Samples Above ALARA | No. of Samples | Range    | Average | No. of Samples Above ALARA |
| Arsenic (mg/kg)    | 21                  | 3-15.4    | 7.78    | 0                          | 21             | 3-15.4   | 7.78    | 0                          |
| Chromium (mg/kg)   | 21                  | 9.1-22.7  | 14.79   | 0                          | 21             | 9.1-22.7 | 14.79   | 0                          |
| Lead (mg/kg)       | 21                  | 9.5-101   | 20.29   | 0                          | 21             | 9.5-101  | 20.29   | 0                          |
| PCB (mg/kg)        | 21                  | 0-0.12    | 0.01    | 0                          | 21             | 0-0.12   | 0.01    | 0                          |
| Radium 226 (pCi/g) | 19                  | 1.48-2.7  | 2.07    | 0                          | 19             | 1.1-1.6  | 1.32    | 0                          |
| Radium 228 (pCi/g) | 19                  | 0.58-1.42 | 1.17    | 0                          | 19             | 1.21-1.5 | 1.36    | 0                          |

Table 5-20 Confirmation Unit 71 Analytical Results Summary (Continued)

| Contaminants | Preliminary Results |            |         |                            | Final Results  |           |         |                            |
|--------------|---------------------|------------|---------|----------------------------|----------------|-----------|---------|----------------------------|
|              | No. of Samples      | Range      | Average | No. of Samples Above ALARA | No. of Samples | Range     | Average | No. of Samples Above ALARA |
| Ra226/Ra228  |                     |            |         |                            |                |           |         |                            |
| (pCi/g)      | 19                  | 2.68-3.87  | 3.24    | 0                          | 19             | 2.4-2.98  | 2.68    | 0                          |
| Thallium     |                     |            |         |                            |                |           |         |                            |
| (mg/kg)      | 19                  | 0.39-1     | 0.46    | 0                          | 19             | 0.39-1    | 0.46    | 0                          |
| Thorium 230  |                     |            |         |                            |                |           |         |                            |
| (pCi/g)      | 20                  | 0.73-3.36  | 1.21    | 0                          | 20             | 0.73-3.36 | 1.21    | 0                          |
| Uranium 238  |                     |            |         |                            |                |           |         |                            |
| (pCi/g)      | 35                  | 1.43-20.96 | 2.86    | 0                          | 35             | 1.43-21   | 2.98    | 0                          |

## 5.22 Confirmation Unit 72

Confirmation Unit 72 is north of Building 201, in the northwest portion of RU7. The COCs identified for CU72 included: U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, thallium, and PCBs. Contaminated soils and utility lines were removed and confirmation samples were collected. The subcontractor released Confirmation Unit 72 to the PMC on October 2, 1996, for confirmation sampling.

The radioactivity background readings collected for CU72 ranged from 5500 cpm (shielded) to 11,500 cpm (unshielded). All final radioactivity levels were less than 1.5 times the background levels. The final walkover surveys for this CU were completed October 2, 1996.

Confirmation soil samples were collected at 32 designated locations (see Figure A-21, Appendix A). Five of the predetermined sampling locations fell within the utility trench. No additional utility sample locations were added. Table 5-21 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results. No hot spot areas were identified from the sample results.

ORISE identified two areas with elevated gamma readings during their walkover survey. The first area was located 9 ft south of sample location SC-07205-S. The second area was located 12 ft south of sample location SC-07208-S. Both areas were remediated immediately. Subsequent walkover surveys performed by ORISE and PMC indicated radioactivity levels were below background levels. No additional samples were collected.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 72 was released back to the subcontractor for unrestricted use on October 8, 1996.

Table 5-21 Confirmation Unit 72 Analytical Results Summary

| CONTAMINANT | PRELIMINARY RESULTS    |           |         |                            | FINAL RESULTS          |           |         |                            |
|-------------|------------------------|-----------|---------|----------------------------|------------------------|-----------|---------|----------------------------|
|             | No. of Samples         | Range     | Average | No. of Samples Above ALARA | No. of Samples         | Range     | Average | No. of Samples Above ALARA |
| Arsenic     | 11                     | 3.8-11.8  | 6.51    | 0                          | 11                     | 3.8-11.8  | 6.51    | 0                          |
| (mg/kg)     |                        |           |         |                            |                        |           |         |                            |
| Chromium    | 15                     | 10.3-30.7 | 15.89   | 0                          | 15                     | 10.3-30.7 | 15.89   | 0                          |
| (mg/kg)     |                        |           |         |                            |                        |           |         |                            |
| Lead        | 15                     | 7.3-36.3  | 16.53   | 0                          | 15                     | 7.3-36.3  | 16.53   | 0                          |
| (mg/kg)     |                        |           |         |                            |                        |           |         |                            |
| PCB         | 15                     | 0-0.4     | 0.04    | 0                          | 15                     | 0-0.4     | 0.04    | 0                          |
| (mg/kg)     |                        |           |         |                            |                        |           |         |                            |
| Radium 226  | 15                     | 0.83-2.47 | 1.91    | 0                          | 15                     | 0.99-1.43 | 1.17    | 0                          |
| (pCi/g)     |                        |           |         |                            |                        |           |         |                            |
| Radium 228  | 15                     | 1.06-1.64 | 1.33    | 0                          | 15                     | 0.66-1.58 | 1.29    | 0                          |
| (pCi/g)     |                        |           |         |                            |                        |           |         |                            |
| Ra226/Ra228 | 15                     | 2.22-4.11 | 3.25    | 0                          | 15                     | 1.9-2.86  | 2.46    | 0                          |
| (pCi/g)     |                        |           |         |                            |                        |           |         |                            |
| Thallium    | 2                      | 0.44-0.44 | 0.44    | 0                          | 2                      | 0.44-0.44 | 0.44    | 0                          |
| (mg/kg)     |                        |           |         |                            |                        |           |         |                            |
| Thorium 230 | 15                     | 0.73-2    | 1.03    | 0                          | 15                     | 0.73-2    | 1.03    | 0                          |
| (pCi/g)     |                        |           |         |                            |                        |           |         |                            |
| Thorium 232 | See Radium 228 Results |           |         |                            | See Radium 228 Results |           |         |                            |
| (pCi/g)     |                        |           |         |                            |                        |           |         |                            |
| Uranium 238 | 30                     | 1.47-8.47 | 3.07    | 0                          | 30                     | 1.53-10   | 3.28    | 0                          |
| (pCi/g)     |                        |           |         |                            |                        |           |         |                            |

### 5.23 Confirmation Unit 73

Confirmation Unit 73 is located along the western boundary of RU7. The COCs identified for CU73 included U-238, Ra-226, Ra-228, Th-230, arsenic, chromium, lead, and PCBs. There were no utilities associated with this CU. The subcontractor released Confirmation Unit 73 to the PMC on September 20, 1996, for confirmation sampling.

The radioactivity background readings collected for CU73 ranged between 11,000 cpm and 12,000 cpm. All final radioactivity readings were less than 1.5 times the background level. The final walkover surveys for this CU were completed on September 20, 1996.

Confirmation soil samples were collected from 29 designated locations (see Figure A-22, Appendix A). Table 5-22 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

Table 5-22 Confirmation Unit 73 Analytical Results Summary

| Contaminant | Preliminary Results    |           |         |        | Final Results          |           |         |        |
|-------------|------------------------|-----------|---------|--------|------------------------|-----------|---------|--------|
|             | No. of                 |           |         | No. of |                        |           |         | No. of |
|             | Samples                | Range     | Average | Above  | No. of                 | Range     | Average | Above  |
|             |                        |           |         | ALARA  | Samples                |           |         | ALARA  |
| Arsenic     |                        |           |         |        |                        |           |         |        |
| (mg/kg)     | 9                      | 4.5-10.7  | 7.41    | 0      | 9                      | 4.5-10.7  | 7.41    | 0      |
| Chromium    |                        |           |         |        |                        |           |         |        |
| (mg/kg)     | 9                      | 15-19.3   | 16.61   | 0      | 9                      | 15-19.3   | 16.61   | 0      |
| Lead        |                        |           |         |        |                        |           |         |        |
| (mg/kg)     | 9                      | 9.2-27.9  | 14.77   | 0      | 9                      | 9.2-27.9  | 14.77   | 0      |
| PCB         |                        |           |         |        |                        |           |         |        |
| (mg/kg)     | 9                      | 0-0.32    | 0.08    | 0      | 9                      | 0-0.32    | 0.08    | 0      |
| Radium 226  |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | 9                      | 1.59-2.52 | 2.33    | 0      | 9                      | 1.04-1.49 | 1.29    | 0      |
| Radium 228  |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | 9                      | 0.96-1.55 | 1.31    | 0      | 9                      | 1.13-1.58 | 1.34    | 0      |
| Ra226/Ra228 |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | 9                      | 2.92-3.96 | 3.64    | 0      | 9                      | 2.25-3    | 2.63    | 0      |
| Thorium 230 |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | 9                      | 0.92-2.03 | 1.24    | 0      | 9                      | 0.78-2.03 | 1.21    | 0      |
| Thorium 232 |                        |           |         |        |                        |           |         |        |
| (pCi/g)     | See Radium 228 Results |           |         |        | See Radium 228 Results |           |         |        |

| Table 5-22 Confirmation Unit 73 Analytical Results Summary (Continued) |                     |            |         |                            |                |           |         |                            |
|--|---------------------|------------|---------|----------------------------|----------------|-----------|---------|----------------------------|
| Contaminants   | Preliminary Results |            |         |                            | Final Results  |           |         |                            |
|  | No. of Samples      | Range      | Average | No. of Samples Above ALARA | No. of Samples | Range     | Average | No. of Samples Above ALARA |
| Uranium 238 (pCi/g)  | 29                  | 1.47-20.34 | 4.61    | 0                          | 29             | 1.48-20.3 | 5.07    | 0                          |

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 73 was released back to the subcontractor for unrestricted use on September 30, 1996.

#### 5.24 Confirmation Unit 74

Confirmation Unit 74 is located across from the Building 201 foundation area, which is in the northwestern portion of RU7. The COCs identified for CU74 included U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, and PCBs. Contaminated soils and utility lines were removed and confirmation samples were collected. The Subcontractor released Confirmation Unit 74 to the PMC on August 29, 1996, for confirmation sampling.

The radioactivity background reading collected for CU74 was 12,000 CPM. All final radioactivity readings were less than 1.5 times the background level. The final walkover surveys for this CU were completed on August 29, 1996.

Confirmation soil samples were collected from 35 designated locations (see Figure A-23, Appendix A). Five of the predetermined sample locations fell within the utility corridor. No additional utility sample locations were added. Table 5-23 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

ORISE identified two areas during walkovers. The first area was located 9 ft southeast of sample location SC-07417-S and the second area was located 18 ft northeast of SC-07422-S. Hot spot samples were collected and identified as SC-07417-S-HS01 and SC-07422-S-HS01. These samples were analyzed for all radiological contaminants of concern. Sample results for SC-07417-S-HS01 and SC-07422-S-HS01 indicated all concentrations were below criteria, with

the average in CU74 remaining below ALARA for each contaminant if added to the confirmation results. No further contaminated soil excavation was required. These results are presented in Appendix D.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 74 was released back to the subcontractor for unrestricted use on September 9, 1996.

Table 5-23 Confirmation Unit 74 Analytical Results Summary

| Contaminant            | Preliminary Results    |            |         |                   | Final Results          |           |         |                   |
|------------------------|------------------------|------------|---------|-------------------|------------------------|-----------|---------|-------------------|
|                        |                        |            |         | No. of<br>Samples |                        |           |         | No. of<br>Samples |
|                        | No. of<br>Samples      | Range      | Average | Above<br>ALARA    | No. of<br>Samples      | Range     | Average | Above<br>ALARA    |
| Arsenic<br>(mg/kg)     | 35                     | 2.8-11.8   | 6.23    | 0                 | 35                     | 2.8-11.8  | 6.23    | 0                 |
| Chromium<br>(mg/kg)    | 35                     | 9.4-30.7   | 16.22   | 0                 | 35                     | 9.4-30.7  | 16.22   | 0                 |
| Lead<br>(mg/kg)        | 35                     | 6.9-36.3   | 13.01   | 0                 | 35                     | 6.9-36.3  | 13.01   | 0                 |
| PCB<br>(mg/kg)         | 35                     | 0-0.4      | 0.01    | 0                 | 35                     | 0-0.4     | 0.01    | 0                 |
| Radium 226<br>(pCi/g)  | 35                     | 0.83-2.52  | 1.96    | 0                 | 35                     | 0.96-1.54 | 1.20    | 0                 |
| Radium 228<br>(pCi/g)  | 35                     | 0.65-1.44  | 1.19    | 0                 | 35                     | 0.57-1.62 | 1.22    | 0                 |
| Ra226/Ra228<br>(pCi/g) | 35                     | 2.22-3.96  | 3.15    | 0                 | 35                     | 1.68-3.11 | 2.41    | 0                 |
| Thorium 230<br>(pCi/g) | 35                     | 0.63-1.36  | 0.95    | 0                 | 35                     | 0.63-1.36 | 0.95    | 0                 |
| Thorium 232<br>(pCi/g) | See Radium 228 Results |            |         |                   | See Radium 228 Results |           |         |                   |
| Uranium 238<br>(pCi/g) | 35                     | 1.42-78.65 | 5.08    | 1                 | 35                     | 1.5-79.6  | 5.10    | 1                 |

NOTE: This table does not include the ORISE hotspot results.

## 5.25 Confirmation Unit 75

Confirmation Unit 75 is located just south of the Building 201 foundation area, in the central portion of RU7. The COCs identified for CU75 included U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, thallium, and PCBs. Contaminated soils and utility lines were removed and confirmation samples were collected. Confirmation Unit 75 was released to the PMC on September 4, 1996 by the subcontractor for confirmation sampling.

The radioactivity background readings collected for CU75 ranged between 11,000 cpm and 12,500 cpm. All final radioactivity readings were less than 1.5 times the background levels. The final walkover surveys for this CU were completed on September 4 and 5, 1996.

Confirmation soil samples were collected from 35 designated locations (see Figure A-24, Appendix A). Four of the predetermined sample locations fell within the utility corridor and three additional utility sample locations were added bringing the total number of sample locations to 38. Table 5-24 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

| Table 5-24 Confirmation Unit 75 Analytical Results Summary |                     |           |         |                            |                |           |         |                            |
|--|---------------------|-----------|---------|----------------------------|----------------|-----------|---------|----------------------------|
| Contaminant  | Preliminary Results |           |         |                            | Final Results  |           |         |                            |
|  | No. of Samples      | Range     | Average | No. of Samples Above ALARA | No. of Samples | Range     | Average | No. of Samples Above ALARA |
| Arsenic  |                     |           |         |                            |                |           |         |                            |
| (mg/kg)  | 18                  | 4.2-13.9  | 7.19    | 0                          | 18             | 4.2-13.9  | 7.19    | 0                          |
| Chromium   |                     |           |         |                            |                |           |         |                            |
| (mg/kg)  | 18                  | 13.8-28.4 | 17.08   | 0                          | 18             | 13.8-28.4 | 17.08   | 0                          |
| Lead   |                     |           |         |                            |                |           |         |                            |
| (mg/kg)  | 18                  | 8.2-34.6  | 14.14   | 0                          | 18             | 8.2-34.6  | 14.14   | 0                          |
| PCB  |                     |           |         |                            |                |           |         |                            |
| (mg/kg)  | 20                  | 0-0.1     | 0.01    | 0                          | 20             | 0-0.1     | 0.01    | 0                          |
| Radium 226   |                     |           |         |                            |                |           |         |                            |
| (pCi/g)  | 15                  | 1.25-2.41 | 1.91    | 0                          | 15             | 1.01-1.59 | 1.24    | 0                          |
| Radium 228   |                     |           |         |                            |                |           |         |                            |
| (pCi/g)  | 15                  | 0.61-1.47 | 1.25    | 0                          | 15             | 0.64-1.72 | 1.23    | 0                          |
| Ra226/Ra228  |                     |           |         |                            |                |           |         |                            |
| (pCi/g)  | 15                  | 2.45-3.74 | 3.18    | 0                          | 15             | 1.65-2.99 | 2.47    | 0                          |
| Thallium   |                     |           |         |                            |                |           |         |                            |
| (mg/kg)  | 7                   | 0.36-1    | 0.54    | 0                          | 7              | 0.36-1    | 0.54    | 0                          |

| Table 5-24 Confirmation Unit 75 Analytical Results Summary (Continued) |                        |            |         |                            |                        |           |         |                            |
|--|------------------------|------------|---------|----------------------------|------------------------|-----------|---------|----------------------------|
| Preliminary Results  |                        |            |         |                            | Final Results          |           |         |                            |
| Contaminants   | No. of Samples         | Range      | Average | No. of Samples Above ALARA | No. of Samples         | Range     | Average | No. of Samples Above ALARA |
| Thorium 230  |                        |            |         |                            |                        |           |         |                            |
| (pCi/g)  | 18                     | 0.83-1.77  | 1.06    | 0                          | 18                     | 0.83-1.77 | 1.06    | 0                          |
| Thorium 232  |                        |            |         |                            |                        |           |         |                            |
| (pCi/g)  | See Radium 228 Results |            |         |                            | See Radium 228 Results |           |         |                            |
| Uranium 238  |                        |            |         |                            |                        |           |         |                            |
| (pCi/g)  | 38                     | 1.42-13.15 | 3.42    | 0                          | 38                     | 1.47-13.2 | 3.45    | 0                          |

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required. No deviations from the sampling plan occurred at CU75.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 75 was released back to the subcontractor for unrestricted use on September 11, 1996.

## 5.26 Confirmation Unit 76

Confirmation Unit 76 is located across the Building 201 foundation area, in the north portion of RU7. The COCs identified for CU76 included U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, and PCBs. Contaminated soils and utility lines were removed and confirmation samples were collected. The subcontractor released Confirmation Unit 76 to the PMC on August 28, 1996, for confirmation sampling.

The radioactivity background readings collected for CU76 ranged between 11,500 cpm and 12,000 cpm. All final radioactivity levels were less than 1.5 times the background levels. The final walkover surveys for this CU were completed on August 29, 1996.

Confirmation soil samples were collected from 41 designated locations (see Figure A-25, Appendix A). Ten of the predetermined sample locations fell within the utility corridor. No additional utility sample locations were added. Table 5-25 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

No hot spot areas were identified from the sample results and no additional contaminated soil excavation was required. No deviations from the sampling plan occurred at CU76.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 76 was released back to the subcontractor for unrestricted use on September 6, 1996.

### 5.27 Confirmation Unit 77

The subcontractor released Confirmation Unit 77 to the PMC on August 28, 1996, for confirmation sampling. This CU is located between the Building 201 and Building 408 foundations in the central portions of RU7. The COCs identified for CU77 included U-238, Ra-226, Ra-228, Th-230, arsenic, chromium, thallium, lead, and PCBs. Contaminated soils and utility lines were removed and confirmation samples were collected.

The radioactivity background readings collected for CU77 ranged between 11,500 cpm and 12,000 cpm. All final radioactivity levels were less than 1.5 times the background levels. The final walkover surveys for this CU were completed on August 28, 1996.

Confirmation soil samples were collected from 33 designated locations (see Figure A-26, Appendix A). Fifteen of the predetermined sample locations fell within the utility corridor. Six new utility sample locations were added bringing the total number of sample locations to 39. Table 5-26 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

Table 5-25 Confirmation Unit 76 Analytical Results Summary

| Contaminant         | Preliminary Results    |           |         |                            | Final Results          |           |         |                            |
|---------------------|------------------------|-----------|---------|----------------------------|------------------------|-----------|---------|----------------------------|
|                     | No. of Samples         | Range     | Average | No. of Samples Above ALARA | No. of Samples         | Range     | Average | No. of Samples Above ALARA |
| Arsenic (mg/kg)     | 38                     | 4.5-15.9  | 7.26    | 0                          | 38                     | 4.5-15.9  | 7.26    | 0                          |
| Chromium (mg/kg)    | 38                     | 10.1-22.7 | 16.01   | 0                          | 38                     | 10.1-22.7 | 16.01   | 0                          |
| Lead (mg/kg)        | 38                     | 7.7-19    | 12.31   | 0                          | 38                     | 7.7-19    | 12.31   | 0                          |
| PCB (mg/kg)         | 38                     | 0         | N/A     | 0                          | 38                     | 0         | N/A     | 0                          |
| Radium 226 (pCi/g)  | 38                     | 1.02-2.68 | 2.07    | 0                          | 38                     | 0.93-1.58 | 1.29    | 0                          |
| Radium 228 (pCi/g)  | 38                     | 0.42-1.54 | 1.16    | 0                          | 38                     | 0.57-1.69 | 1.22    | 0                          |
| Ra226/Ra228 (pCi/g) | 38                     | 1.44-3.86 | 3.23    | 0                          | 38                     | 1.81-3.11 | 2.51    | 0                          |
| Thallium (mg/kg)    | 8                      | 0.39-1.4  | 0.63    | 0                          | 8                      | 0.39-1.4  | 0.63    | 0                          |
| Thorium 230 (pCi/g) | 38                     | 0.71-3.09 | 0.97    | 0                          | 38                     | 0.71-3.09 | 0.97    | 0                          |
| Thorium 232 (pCi/g) | See Radium 228 Results |           |         |                            | See Radium 228 Results |           |         |                            |
| Uranium 238 (pCi/g) | 41                     | 1.34-8.36 | 2.19    | 0                          | 41                     | 1.43-7.44 | 2.23    | 0                          |

N/A Average not applicable.

Table 5-26 Confirmation Unit 77 Analytical Results Summary

| Contaminant      | Preliminary Results |          |         |                            | Final Results  |          |         |                            |
|------------------|---------------------|----------|---------|----------------------------|----------------|----------|---------|----------------------------|
|                  | No. of Samples      | Range    | Average | No. of Samples Above ALARA | No. of Samples | Range    | Average | No. of Samples Above ALARA |
| Arsenic (mg/kg)  | 29                  | 4.3-20.6 | 9.56    | 0                          | 29             | 4.3-20.6 | 9.56    | 0                          |
| Chromium (mg/kg) | 29                  | 11-24.1  | 16.92   | 0                          | 29             | 11-24.1  | 16.92   | 0                          |

| Table 5-26 Confirmation Unit 77 Analytical Results Summary (Continued) |                     |            |         |                            |                |           |         |                            |
|--|---------------------|------------|---------|----------------------------|----------------|-----------|---------|----------------------------|
| Contaminants   | Preliminary Results |            |         |                            | Final Results  |           |         |                            |
|  | No. of Samples      | Range      | Average | No. of Samples Above ALARA | No. of Samples | Range     | Average | No. of Samples Above ALARA |
| Lead   |                     |            |         |                            |                |           |         |                            |
| (mg/kg)  | 29                  | 8.7-101    | 19.81   | 0                          | 29             | 8.7-101   | 19.81   | 0                          |
| PCB  |                     |            |         |                            |                |           |         |                            |
| (mg/kg)  | 29                  | 0-0.26     | 0.02    | 0                          | 29             | 0-0.26    | 0.02    | 0                          |
| Radium 226   |                     |            |         |                            |                |           |         |                            |
| (pCi/g)  | 21                  | 1.02-2.7   | 1.99    | 0                          | 21             | 0.92-1.48 | 1.24    | 0                          |
| Radium 228   |                     |            |         |                            |                |           |         |                            |
| (pCi/g)  | 21                  | 0.42-1.57  | 1.18    | 0                          | 21             | 0.62-1.55 | 1.24    | 0                          |
| Ra226/Ra228  |                     |            |         |                            |                |           |         |                            |
| (pCi/g)  | 21                  | 1.44-4.04  | 3.17    | 0                          | 21             | 1.84-2.9  | 2.47    | 0                          |
| Thallium   |                     |            |         |                            |                |           |         |                            |
| (mg/kg)  | 21                  | 0.39-1.4   | 0.57    | 0                          | 21             | 0.39-1.4  | 0.57    | 0                          |
| Thorium 230  |                     |            |         |                            |                |           |         |                            |
| (pCi/g)  | 29                  | 0.77-3.86  | 1.37    | 0                          | 29             | 0.77-3.86 | 1.37    | 0                          |
| Uranium 238  |                     |            |         |                            |                |           |         |                            |
| (pCi/g)  | 38                  | 1.38-29.31 | 3.62    | 0                          | 38             | 1.51-29.3 | 3.51    | 0                          |

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required. No deviations from the sampling plan occurred at CU77.

Review of the final analytical results supported the preliminary results indicating remedial activities had been completed. The final results met the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 77 was released back to the subcontractor for unrestricted use on September 6, 1996.

## 6. DATA EVALUATION

Data evaluation was performed on WP-420 final analytical data to determine whether data quality objectives developed for the Weldon Spring Site Remedial Action Project (WSSRAP) were met and to ensure overall data quality results were generated from RU7 remedial activities. Data evaluation was performed in accordance with the *Project Management Contractor Quality Assurance Program* (QAP) (Ref. 6) and the *Environmental Quality Assurance Project Plan* (EQAP) (Ref. 7). The data evaluation process was completed by data verification, data review, data validation, and data management and reduction activities as stated in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5).

### 6.1 Data Verification

Data verification was conducted to ensure that documentation and data were reported in compliance with established reporting requirements and standard operating procedures (SOPs), and to ensure that all analyses were performed. All analytical results received from the laboratory were reviewed to verify samples were properly handled according to WSSRAP protocol. The following factors were reviewed and evaluated: sample identification, chain-of custody, holding times, sample preservation requirements, Sample Analysis Request Forms, data reviews, laboratory tracking, data reporting requirements, and the database transfer.

### 6.2 Data Review

Data review was conducted to ensure the final data were properly identified, analyzed, reported, and met data quality requirements (DQRs). Copies of the data packages were reviewed by the data users. The data were reviewed to check for inconsistencies with the field quality control (QC) samples and with data quality requirements. Final analytical results were also compared to the preliminary analytical results.

A data comparison of quality control samples to DQR goals was also performed to assess the precision, accuracy, and completeness of the data and to identify samples that may require further validation activities. This comparison was conducted in addition to the 10% data validation activities and is inclusive of all analytical results from quality control samples generated from RU7 activities. The tables, including the comparison of quality assurance/quality control (QA/QC) samples to the parent sample, are presented in Appendix G. Tables including the complete quality control comparison are presented in Appendix H. The following text discusses the review of DQRs.

Specific DQRs for the WSSRAP were developed according to U. S. Environmental Protection Agency (EPA) guidance. These site-specific DQRs include precision, accuracy, and completeness goals for data collection activities. Each of these requirements is discussed in the following paragraphs.

### **Precision**

Precision is a measurement, expressed as a percentage, that represents the repeatability of the result by the analytical system. This measurement is based on the relative percent differences (RPDs) between laboratory duplicates and their respective parent analysis. The level of precision increases as the RPD value approaches 0%. The RPD is calculated using the following formula:

$$RPD = |PA - DU| / ((PA + DU) / 2) * 100$$

where PA = respective parent analysis

DU = duplicate analysis

Similarly, RPD is calculated to evaluate the precision of Secondary Duplicate to Parent, Field Replicate to Parent, and Matrix Spike Duplicate to Matrix Spike.

As the analytical concentration approaches the detection limit for a given parameter, the confidence levels decreases. Thus, the RPD is generally only calculated for those analyses where both the parent and comparison sample analyses are greater than five times the detection limit.

Due to the chemical properties of radionuclides, the calculated RPD has a greater variance compared to that of non-radionuclides. To assist in evaluating the precision in radionuclides, the duplicate error ratio (DER) is also calculated. The level of precision increases as the DER value approaches 0%.

$$DER = |PA - DU| / (2\sigma_p + 2\sigma_d)$$

where PA = Respective Parent Analysis

DU = Duplicate Analysis

$2\sigma_p$  = Parent Analysis (2 sigma) Uncertainty

$2\sigma_d$  = Duplicate Analysis (2 sigma) Uncertainty

The DQR goals for analytical data are presented in Appendix H, Table H-1. Analytical methods and precision goals are presented by analytical parameter and media for both soil and water.

RPD and DER values have been calculated for the matrix duplicate samples, secondary duplicate samples, field replicate samples, and matrix spike duplicate samples. A complete listing of RPD and DER values is presented in Appendix G, Table G-1. Summary tables for precision have been presented in Appendix H, Tables H-2 through H-5. Each table shows the number of samples completed, number of results greater than the detection limit, range and average for RPD and DER, and a comparison summary of results to the DQR goals. Most RPD and DER results meet the DQR goals for each parameter listed for each of the four types of quality samples listed above.

### Accuracy

Accuracy is a statistical measurement, expressed as a percentage, which represents how close the analytical data are to the "true" values. The measurement is based on the percent recoveries (RECs) associated with the laboratory analytical matrix spikes. The level of accuracy increases as the amount of recovery approaches 100%. The REC is calculated using the following formula:

$$REC = (CONC_{ms} - CONC_p) / SPIKED\ AMOUNT$$

where  $CONC_{ms}$  = Concentration of Matrix Spike analysis

$CONC_p$  = Concentration of Parent analysis

Accuracy goals for analytical data are presented in Appendix H, Table H-1. Analytical methods and accuracy goals are presented by analytical parameter and media for both soil and water.

REC values have been calculated for MS samples. A summary table for accuracy is presented in Appendix H, Table H-6. The table shows the number of samples completed, number of results greater than the detection limit, range and average for REC, and a comparison summary of results to the DQR goals. Most REC values met the DQR goals for each parameter sampled.

### Completeness

Completeness is the percentage of acceptable data points associated with a group of data, such as those validations requested or addressed in a semiannual validation report. An evaluation to determine the completeness of data will be conducted on WP-420 area data at the completion of all five RUs.

Data evaluation results from all quality control samples associated with RU7 activities indicated that most RPDs, DERs and RECs met the established DQR goals.

### 6.3 Data Validation

Radiological and chemical analytical data were subject to data review and validation upon receipt from the laboratory. Data validation was performed on 10% of all analytical data generated from the remedial activity at RU7. Additional data were validated by request after review by data review guidelines. Data validation was performed by WSSRAP personnel and was conducted in accordance with the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). Data that were used as preliminary data but later rejected due to failure to meet the data validation requirements were compared to the final data to ensure a valid final result was documented. Analytical data that were rejected for failure to comply with the data validation requirements are highlighted in the Analytical Data Table presented in Appendix D.

### 6.4 Data Management and Reduction

Data were reduced by entering and managing RU7 WSSRAP information in a computerized database. A data management process was developed to track samples collected and analyzed throughout the remedial process. Soil/Sediment Sampling Forms (field data sheets) were generated to record all pertinent sample collection information and associated QA/QC sample information. Sample information was transferred from the field data sheets into the computerized databases.

Data generated during remedial activities were entered into a field data tracking database (FST dB). The FST dB information was used to generate analytical request forms entered into an environmental sample tracking database (EST dB). The EST dB was used to print out sample Chain-Of-Custody Forms, which accompanied sample shipments to the laboratory. Preliminary analytical results were entered into a geographic information system database (GIS dB), which was later compared to the final analytical results entered into a wizard database (WIZARD). Databases were also used for analytical review and analytical results comparisons.

Data generated during RU7 remedial activities were evaluated through data verification, review, validation, and data management and reduction. Handling of all samples collected at RU7 was verified according to WSSRAP protocol. Data review activities ensured data generated from RU7 met DQRs and that all data validation discrepancies were resolved. A minimum of 10% of the data was subjected to data validation procedures, and results failing validation requirements were rejected or qualified. Data management and reduction actions computerized analytical results using a database system. Data evaluation activities indicated data generated at RU7 met DQOs specified in the *Project Management Contractor Quality Assurance Program* (Ref. 6), the *Environmental Quality Assurance Project Plan* (Ref. 7), and the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5).

## **7. SUMMARY OF CLOSURE REPORT FINDINGS**

### **7.1 Work Package Disposition**

The total Work Package (WP)-420 area consists of 119 confirmation units (CUs) contained within five remedial units (RUs) (RU6, RU7, RU8, RU9, and RU10). This *RU7 Post Remedial Action Report* is the second of five such reports for the RUs and includes Confirmation Units 51 through 77. Detailed information regarding the remedial activities for each CU located within RU7 is presented in the Appendixes.

### **7.2 Confirmation Unit Dispositions**

Upon completion of remedial activities, preliminary results were recorded on CU Disposition Forms. Disposition Forms were reviewed and signed by selected project personnel. Based on the preliminary results, each CU was released for unrestricted use. A CU was released when all contaminants of concern (COC) concentrations located within a CU were in compliance with cleanup standards. The cleanup standards ensure that RU7 remedial activities are conducted in compliance with the Record of Decision (ROD) (Ref. 3). Once final analytical data were received, the data were compared to preliminary analytical data to ensure COC concentrations were in compliance with the as low as reasonably achievable (ALARA) process.

All 26 CUs located within RU7 were unconditionally released. One Confirmation Unit, CU53, was deleted from this Work Package. A copy of the Inter-Office Correspondence (IOC) documenting the elimination of Confirmation Unit 53 from WP-420 remedial activities is included in Appendix E.

### **7.3 Permanent Partial Confirmation Dispositions**

A permanent partial confirmation disposition is the release of a portion of a CU area to facilitate the permanent closure of an area. The remainder of the CU, which was not included in the permanent partial confirmation disposition, is transferred to another Work Package order. There were no permanent partial confirmation dispositions associated with RU7.

### **7.4 Summary of Chemical Plant Area Remedial Unit 7 Results**

The following table provides a summary of the total number of samples collected and analyzed for each contaminant during remedial activities at the chemical plant area RU7. The number of detections that exceed ALARA and minimum, maximum, and average concentrations are also provided for each contaminant. The table was generated using data sets compiled from

all samples that represented soils left in place. Data from all other samples, including remediated hot spot areas, are presented in Appendix D.

Table 7-1 Summary Totals for Remedial Unit 7

| CONTAMINANT      | NUMBER OF SAMPLES | MINIMUM CONCENTRATION | MAXIMUM CONCENTRATION | AVERAGE CONCENTRATION | SAMPLES GREATER THAN ALARA |
|------------------|-------------------|-----------------------|-----------------------|-----------------------|----------------------------|
| Arsenic (mg/kg)  | 359               | 1.1                   | 25.6                  | 7.92                  | 0                          |
| Chromium (mg/kg) | 368               | 5                     | 30.7                  | 15.76                 | 0                          |
| Lead (mg/kg)     | 375               | 6.4                   | 817                   | 17.29                 | 1                          |
| PAH (mg/kg)      | 86                | 0                     | 2.89                  | 0.14                  | 6                          |
| PCB (mg/kg)      | 398               | 0                     | 8                     | 0.05                  | 6                          |
| Ra-226 (pCi/g)   | 324               | 0.42                  | 2.2                   | 1.34                  | 0                          |
| Ra-228 (pCi/g)   | 324               | 0.3                   | 2.26                  | 1.24                  | 0                          |
| Combined Radium  | 324               | 0.96                  | 3.7                   | 2.58                  | 0                          |
| Th-230 (pCi/g)   | 422               | 0.09                  | 3.8                   | 1.48                  | 0                          |
| Th-232 (pCi/g)   | 324               | 0.3                   | 2.26                  | 1.24                  | 0                          |
| Thallium (mg/kg) | 78                | 0.35                  | 1.8                   | 0.53                  | 0                          |
| TNT              | 0                 | N/A                   | N/A                   | N/A                   | N/A                        |
| Toluene          | 3                 | ND                    | 3.40                  | 1.13                  | 0                          |
| U-238 (pCi/g)    | 621               | 1.1                   | 228                   | 5.57                  | 15                         |

Analytical results generated from remedial activities at RU7 indicated that the average concentration of each COC over the entire RU7 area was below the ALARA goal, and that the RU7 average COC concentration for all COCs, was below the cleanup criteria.

COC averages were also calculated for each of the 26 CUs located within RU7 with the following conclusions. Although some individual sample concentrations were above the ALARA goals, the average COC concentrations for each of the 26 CUs, except PAHs, were below the ALARA goal. The average PAH concentration was above the ALARA goal at two CUs (CU58 and CU66). Based on the ALARA committee decision, both CUs were unconditionally released. The average polycyclic aromatic hydrocarbon (PAH) concentration for all 26 CUs was below the cleanup criteria. In addition, for the total number of PAH samples collected, 50% or more PAH concentrations were below the ALARA goal.

Remedial activities were completed for all 26 CUs located in RU7. Based on analytical results presented above, all 26 CUs were released in accordance with the cleanup standards stated in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5).

## 7.5 Summary of Chemical Plant Confirmation Results

To meet the requirements of the *Record of Decision* (Ref. 1), more than 50% of the results for each parameter must be less than the as low as reasonably achievable (ALARA) goal. Table 7-2 summarizes the cumulative results to date. This table includes results from WP-399, WP-420 (RU6/RU7) and VP9.

Table 7-2 Summary Totals for Confirmation<sup>(a)</sup>

| CONTAMINANT      | NUMBER OF SAMPLES | MINIMUM CONCENTRATION | MAXIMUM CONCENTRATION | AVERAGE CONCENTRATION | SAMPLES GREATER THAN ALARA |
|------------------|-------------------|-----------------------|-----------------------|-----------------------|----------------------------|
| Arsenic (mg/kg)  | 691               | 0.97                  | 25.8                  | 7.37                  | 0                          |
| Chromium (mg/kg) | 682               | 5.0                   | 41.6                  | 16.71                 | 0                          |
| Lead (mg/kg)     | 795               | 5.4                   | 817                   | 16.89                 | 2                          |
| PAH (mg/kg)      | 121               | ND                    | 2.89                  | 0.35                  | 20                         |
| PCB (mg/kg)      | 864               | ND                    | 6.0                   | 0.03                  | 10                         |
| Ra-226 (pCi/g)   | 779               | 0.37                  | 2.24                  | 1.35                  | 0                          |
| Ra-228 (pCi/g)   | 788               | 0.30                  | 8.60                  | 1.26                  | 1                          |
| Combined Radium  | NA                | 0.96                  | 8.84                  | 2.62                  | 2                          |
| Th-230 (pCi/g)   | 878               | 0.09                  | 23.10                 | 1.62                  | 3                          |
| Th-232 (pCi/g)   | 789               | 0.30                  | 6.60                  | 1.27                  | 1                          |
| Thallium (mg/kg) | 165               | 0.12                  | 2.2                   | 0.61                  | 0                          |
| TNT              | 0                 | NA                    | NA                    | NA                    | NA                         |
| Toluene          | 3                 | ND                    | 3.40                  | 1.13                  | 0                          |
| U-238 (pCi/g)    | 1476              | 0.40                  | 228                   | 4.89                  | 31                         |

(a) This table contains summary results from confirmation sampling to date, including WP-399, WP-461, and WP-420 (RU6 and RU7).

## 7.6 Comparison of Standard Deviations

This section presents a comparison of the estimated standard deviations calculated following EPA guidance and presented in the *Attainment Plan*, (Ref. 5) with those deviations calculated using confirmation results. Since there were no existing remediation data available to calculate the standard deviation (sigma), the *Attainment Plan* estimated sigma using the range (assuming the average concentration remaining after remediation would not exceed cleanup criteria) divided by six. To determine whether the specified level of precision was obtained, a comparison was made between the estimated sigma and the calculated sigma using the RU7 results.

The comparison indicates that the specified level of precision (a false positive = 0.05 and a false negative = 0.20) has been obtained. With two exceptions, all of the calculated sigmas are less than the estimated sigmas, indicating that the minimum specified precision was met for these contaminants. Table 7-3 presents the estimated sigma and calculated sigmas for each contaminant of concern (COC).

The calculated sigmas for lead (RU7 and cumulative) and Th-230 (cumulative) exceeded the estimated sigmas. Both of the contaminants had hot spot areas which used subsurface criteria, therefore, the estimated standard deviation was recalculated for lead and Th-230 using subsurface criteria. The recalculated estimated sigmas for lead and Th-230 are 750 and 2.7, respectively. Both sigmas are less than the estimated subsurface sigmas.

Table 7-3 Comparison of Standard Deviations

| COC      | ESTIMATED <sup>(a)</sup> | RU7 SIGMA <sup>(b)</sup> | CUMULATIVE SIGMA <sup>(c)</sup> |
|----------|--------------------------|--------------------------|---------------------------------|
| Arsenic  | 12.5                     | 3.57                     | 3.31                            |
| Chromium | 18.3                     | 3.33                     | 4.93                            |
| Lead     | 75/750 <sup>(d)</sup>    | 269.15                   | 186.25                          |
| Thallium | 3.3                      | 0.28                     | 0.51                            |
| PAHs     | 0.93                     | 0.45                     | 0.59                            |
| PCBs     | 1.33                     | 0.34                     | 0.25                            |
| TNT      | 23.3                     | N/A                      | N/A                             |
| Ra-226   | 1.03                     | 0.21                     | 0.21                            |
| Ra-228   | 1.03                     | 0.28                     | 0.35                            |
| Th-230   | 1.03/2.7 <sup>(d)</sup>  | 0.77                     | 1.09                            |
| Th-232   | 1.03                     | 0.28                     | 0.35                            |
| U-238    | 20                       | 16.18                    | 13.36                           |

N/A Not applicable. No TNT confirmation samples collected to date.

(a) Sigma estimated in the *Attainment Plan* (Ref. 5).

(b) Sigma calculated using only the WP420-RU7 confirmation results.

(c) Sigma calculated using cumulative confirmation results (WP-399, WP-461, WP420RU6, and WP420RU7).

(d) Estimated sigma using subsurface criteria.

## 8. REFERENCES

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2. MK-Ferguson Company and Jacobs Engineering Group. *Supplementary Soil Sampling Plan*, Rev. 0. DOE/OR/21548-408. Prepared for the U.S. Department of Energy, Oak Ridge Field Office. St. Charles, MO. August 1993.
3. U.S. Department of Energy. *Record of Decision for Remedial Action at the Chemical Plant Area of the Weldon Spring Site*. DOE/OR/21548-376. Oak Ridge Field Office. St. Charles, MO. September 1993.
4. MK-Ferguson and Jacobs Engineering Group. *Confirmation Sampling Plan Details For The Chemical Plant Area Foundations and Contaminated Soils Removal (WP-420)*. Rev. . DOE/OR/21548-590. Prepared for U.S. Department of Energy, Oak Ridge Operations Office, St. Charles, MO. October, 1996.
5. MK-Ferguson Company and Jacobs Engineering Group. *Chemical Plant Area Cleanup Attainment Confirmation Plan*. Rev. 3. DOE/OR/21548-491. Prepared for the U.S. Department of Energy, Oak Ridge Operations Office. St. Charles, MO. December 1995.
6. MK-Ferguson Company and Jacobs Engineering Group. *Project Management Contractor Quality Assurance Program*, Rev. 2, DOE/OR/21548-333. Prepared for the U.S. Department of Energy, Oak Ridge Operations Office. St. Charles, MO. December 1995.
7. MK-Ferguson Company and Jacobs Engineering Group. *Environmental Quality Assurance Project Plan*. Rev. 2. DOE/OR/21548-352. Prepared for the U.S. Department of Energy, Oak Ridge Operations Office. St. Charles, MO. May 1996.
8. U.S. Department of Energy. *Chemical Plant Area Foundations and Contaminated Soil Removal - WP-420*. June 5, 1995

9. Oak Ridge Institute for Science and Education. *Final Verification Survey Plan for the Chemical Plant Area Weldon Spring Site Remedial Action Project, Weldon Spring, Missouri*. Prepared by the Environmental Survey and Site Assessment Program, Energy/Environment Systems Division, for the U.S. Department of Energy. Weldon Spring, Missouri. December 7, 1995.
10. Ferguson Company and Jacobs Engineering Group. *Surface Water Management Plan*, Rev. 2. DOE/OR/21548-221. Prepared for the U.S. Department of Energy, Oak Ridge Operations Office. St. Charles, MO. July 1996.

## 8.1 PROCEDURES

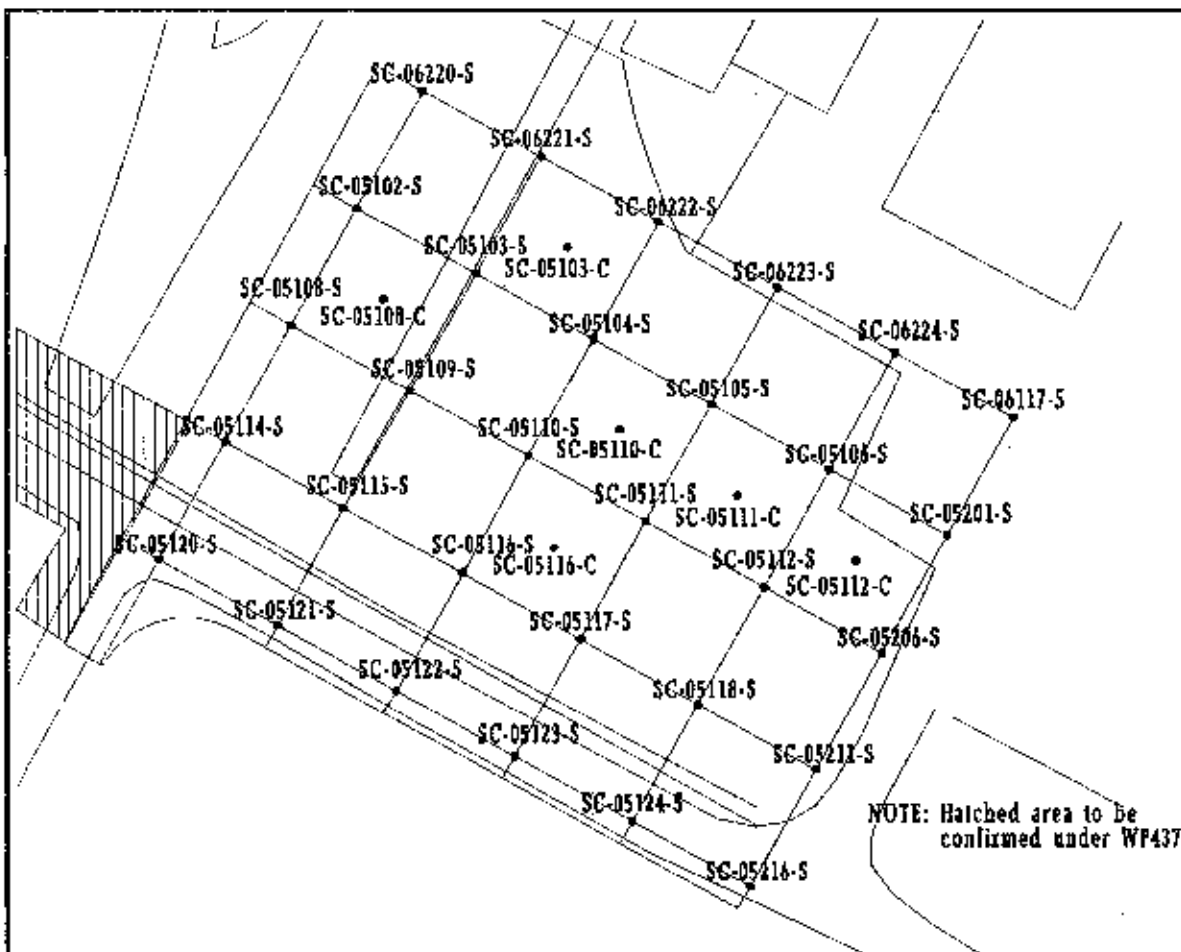
- ES&H 1.2.1 *Disposition of CUs*
- ES&H 2.3.8 *Contamination Survey*
- ES&H 2.5.1 *Radiological Soil Sampling*
- ES&H 2.5.2 *In Situ Radiation Measurements*
- ES&H 2.5.5 *Sample Preparation Procedure for Radiological Soil Samples*
- ES&H 2.5.8 *Th-230 Determinations in Soils by the UNC Method*
- ES&H 2.6.1 *Alpha Detector Calibration and Operational Check*
- ES&H 2.6.2 *Calibration and Use of Ludlum Model 2220 Scalar and the Model 44-10-2 (2x2 NaI) Detector*
- ES&H 2.6.3 *GM Detector Calibration, Operation, and Usage*
- ES&H 2.6.4 *Ludlum Model 2000 Scalar and Model 43-10 Detector: Gross Alpha Measurement Operation and Calibration*
- ES&H 2.6.9 *Instructions for Calibration and Operation of the High Purity Germanium Detector*
- ES&H 4.1.3 *Sample Equipment Determination*
- ES&H 4.4.1 *Numbering System for Environmental Samples*
- ES&H 4.4.5 *Soil/Sediment Sampling*

## 8.2 ACRONYMS

|        |  |
|--------|--|
| AEC    | Atomic Energy Commission                     |
| ALARA  | as low as reasonably achievable              |
| COC    | contaminant of concern                       |
| CPM    | counts per minute                            |
| CU     | Confirmation Unit                            |
| dB     | database                                     |
| DER    | duplicate error ratio                        |
| DNT    | dinitrotoluene                               |
| DOE    | Department of Energy                         |
| DQO    | Data Quality Objectives                      |
| DQR    | Data Quality Requirements                    |
| EPA    | Environmental Protection Agency              |
| EQAPjP | Environmental Quality Assurance Project Plan |
| ES&H   | Environmental Safety and Health              |
| EST    | environmental sample tracking                |
| FST    | field sample tracking                        |
| GIS    | Geographical Information System              |
| ha     | hectare                                      |
| IOC    | interoffice correspondence                   |
| km     | kilometers                                   |
| m      | meter  |
| NPL    | National Priorities List                     |
| PAHs   | polynuclear aromatic hydrocarbons            |
| PCBs   | polychlorinated biphenyls                    |
| PMC    | Project Management Contractor                |
| QA     | quality assurance                            |
| QAP    | Quality Assurance Plan                       |
| QC     | quality control                              |
| Ra-226 | Radium-226                                   |
| Ra-228 | Radium-228                                   |
| REC    | percent recovery                             |
| ROD    | Record of Decision                           |
| RPD    | relative percent difference                  |
| RU     | remedial unit                                |
| SOP    | standard operating procedure                 |
| Th-230 | Thorium-230                                  |
| Th-232 | Thorium-232                                  |

|        |  |
|--------|--|
| TNT    | trinitrotoluene                            |
| U-238  | Uranium-238                                |
| WIZARD | Wizard database                            |
| WP     | work package                               |
| WSSRAP | Weldon Spring Site Remedial Action Project |

APPENDIX A  
Sample Location Maps



10 5 0 10 METERS

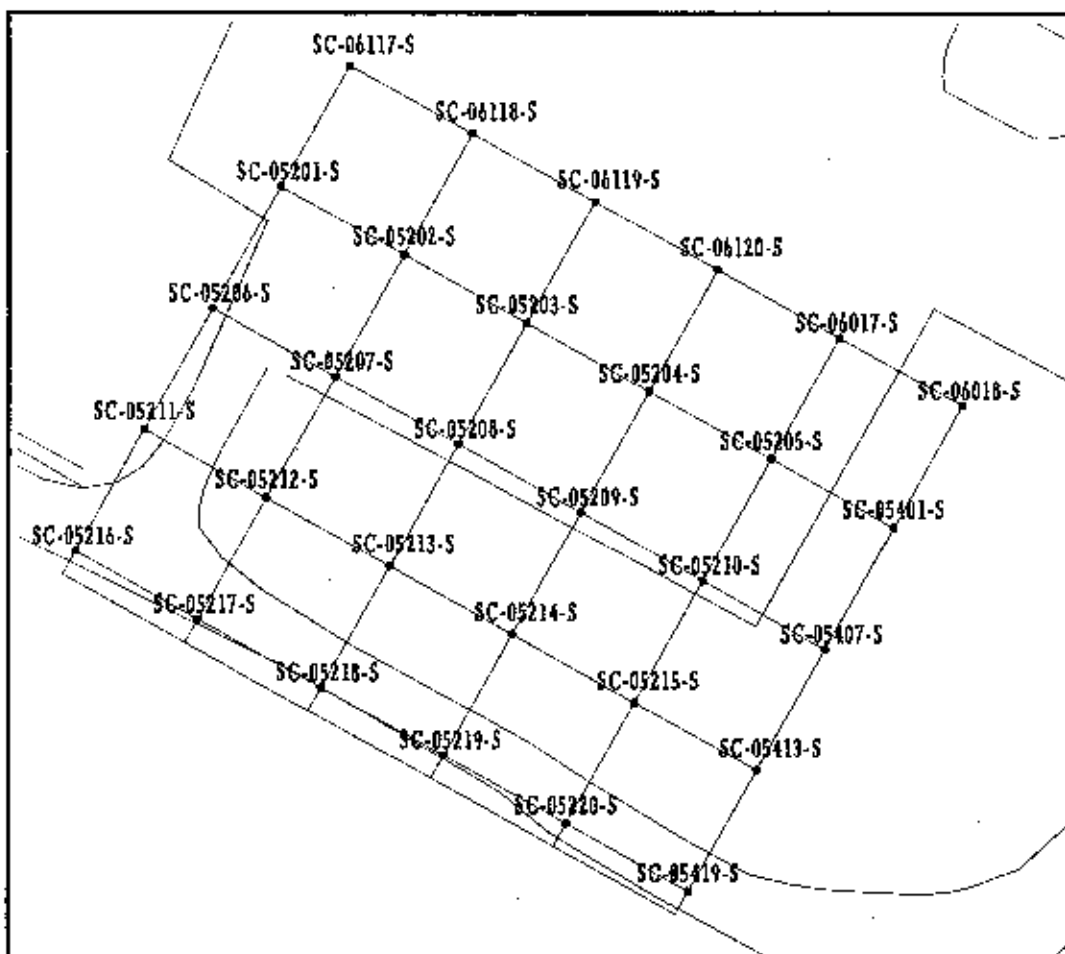
30 15 0 30 FEET



# Sample Locations in Remedial Unit RU007 Confirmation Unit CU051

Figure A-1

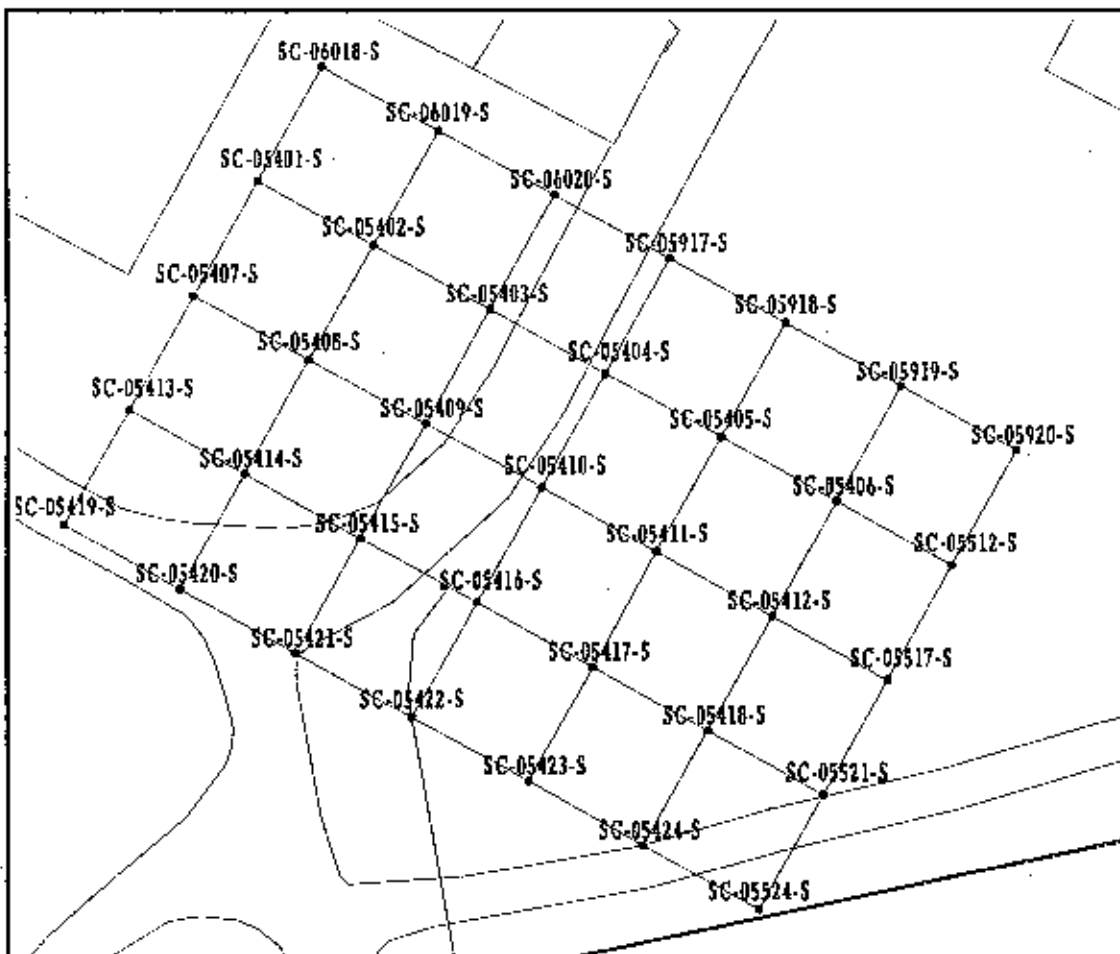
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| ORIGINATOR: MGI             | DRAWN BY: LGB                |
| DATE: 3/97                  |                              |



Sample Locations in Remedial Unit RU007  
Confirmation Unit CU052

Figure A-2

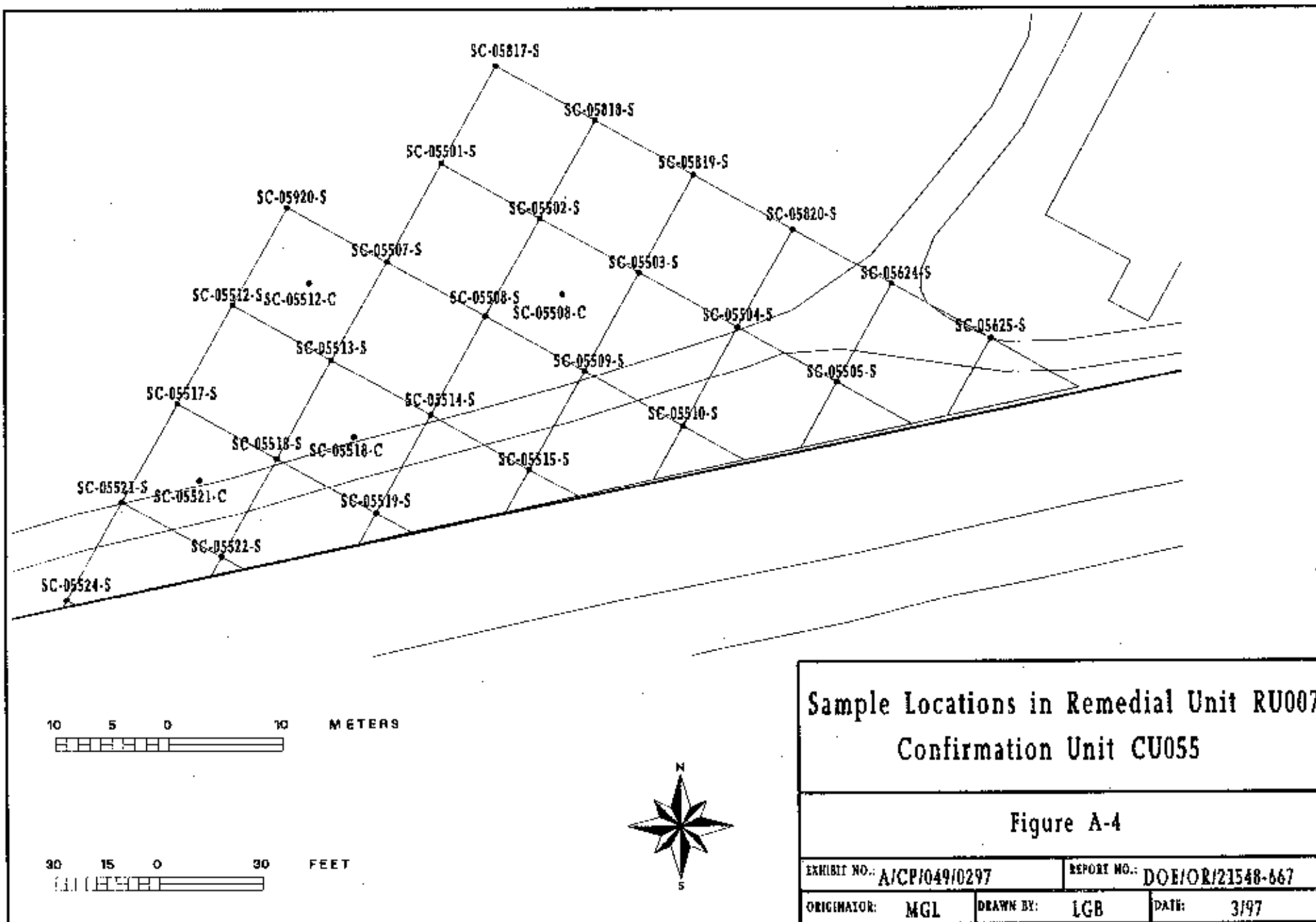
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|                             | DATE: 3/97                   |

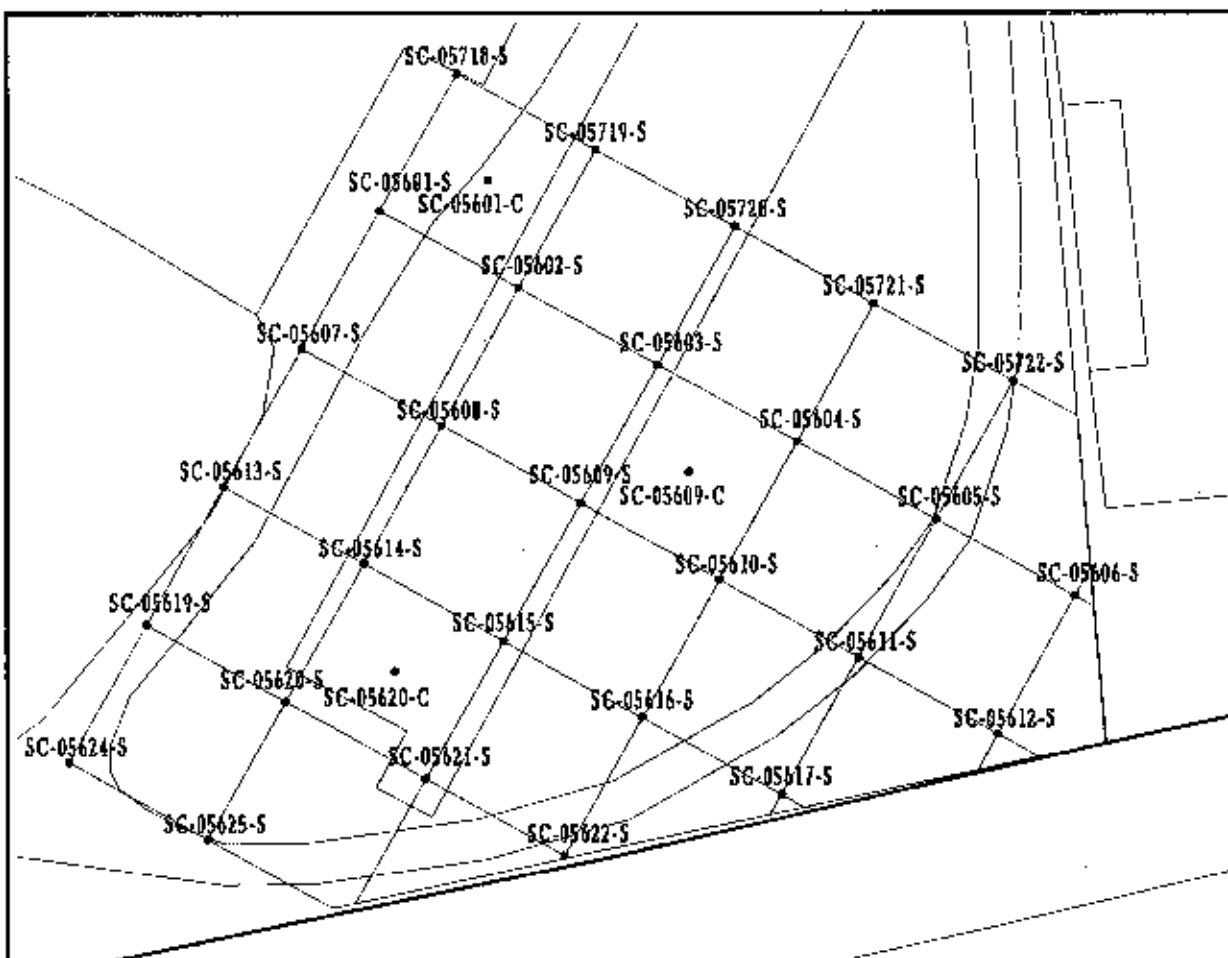


# Sample Locations in Remedial Unit RU007 Confirmation Unit CU054

Figure A-3

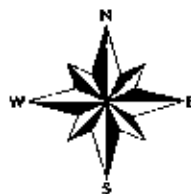
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|-----------------------------|------------------------------|
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| DATE: 3/97                  |                              |





10 5 0 10 METERS

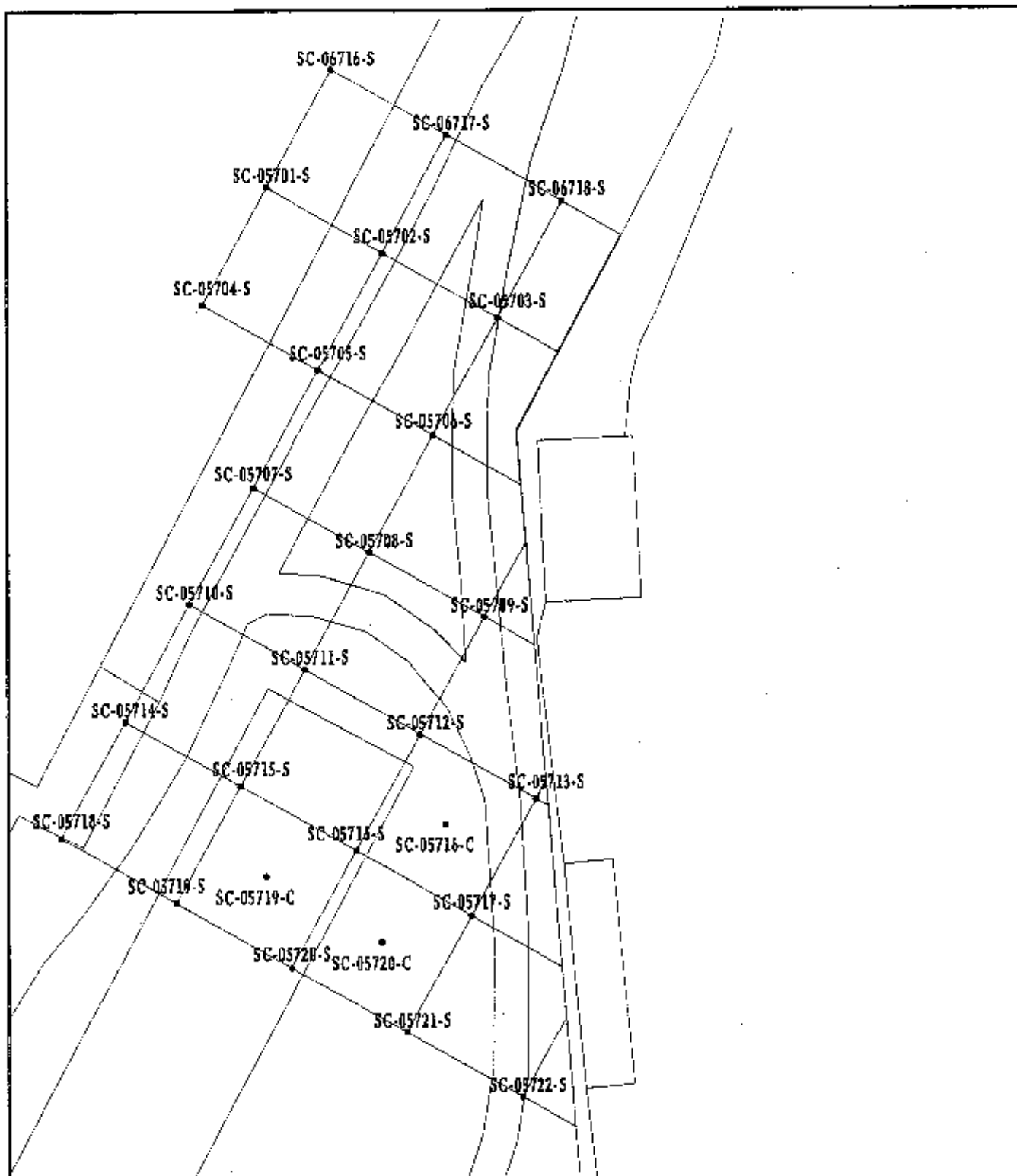
30 15 0 30 FEET



# Sample Locations in Remedial Unit RU007 Confirmation Unit CU056

Figure A-5

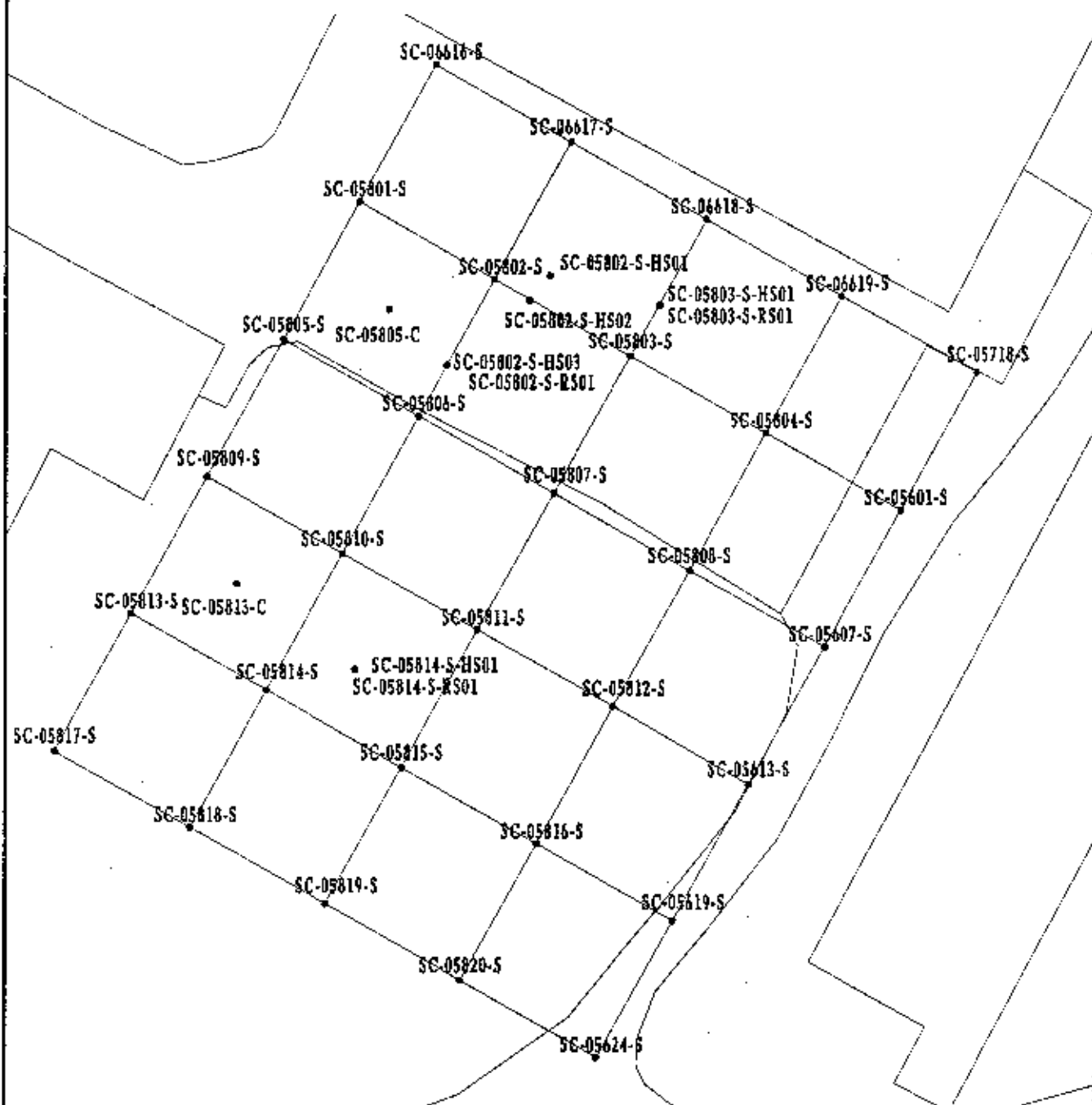
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|----------------------------|------------------------------|
| EXHIBIT NO.: A/CP/050/0297 | REPORT NO.: DOE/OR/21548-667 |
| ORIGINATOR: MGL            | DRAWN BY: LGB                |
| DATE: 3/97                 |                              |



Sample Locations in Remedial Unit RU007  
Confirmation Unit CU057

Figure A-6


|                            |                              |
|----------------------------|------------------------------|
| PROJECT NO.: A/CP/051/0297 | REPORT NO.: DOE/OR/21548-667 |
| ORIGINATOR: MGI            | DRAWN BY: LGB                |
|                            | DATE: 3/97                   |



|    |   |   |
|----|---|---|
| 10 | 5 | 0 |
|    |   |   |

METERS

30 15 0



FEET

Sample Locations in Remedial Unit RU007  
Confirmation Unit CU058

Figure A-7

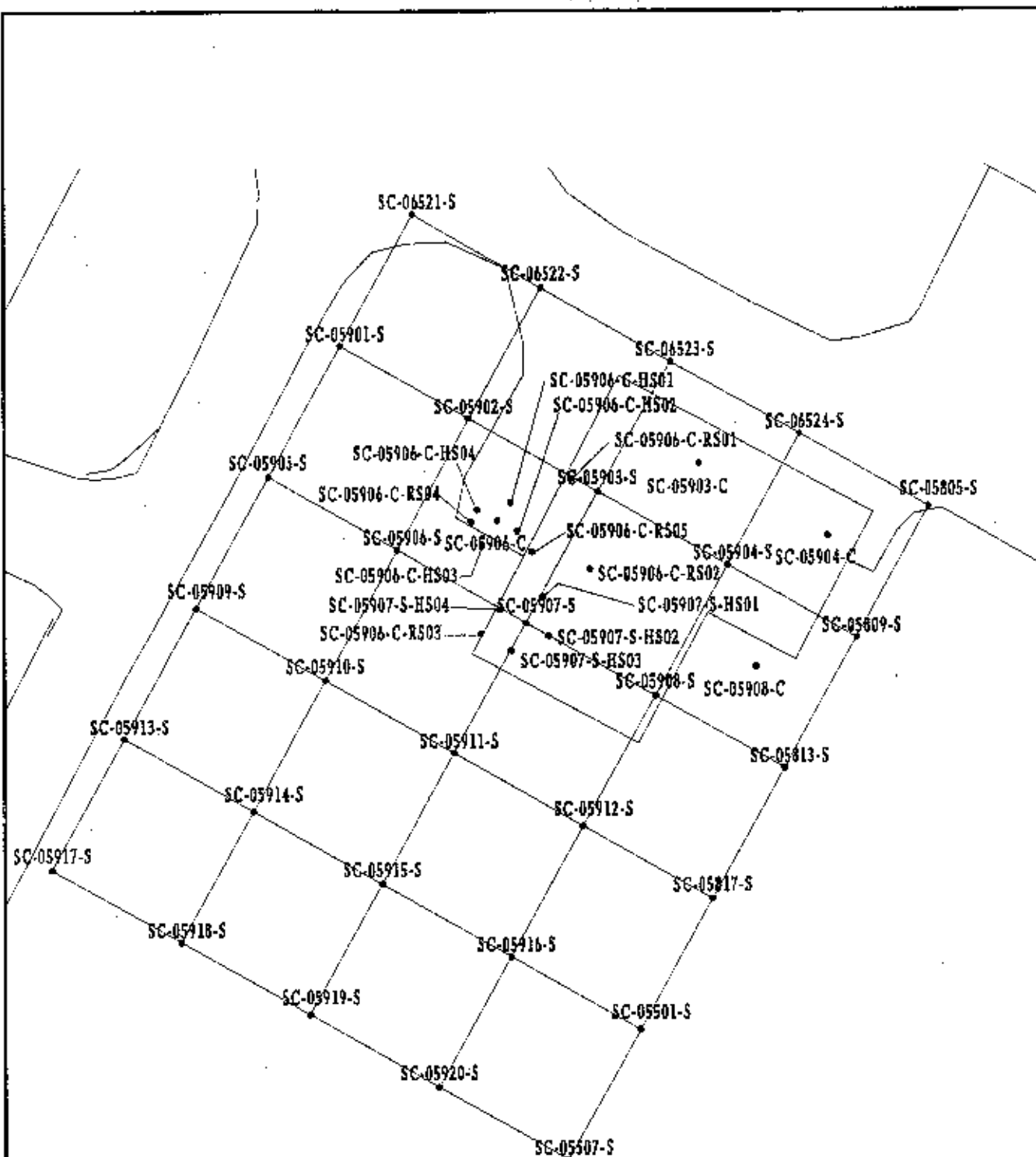
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REPORT NO.: DOE/OR/21548-667

ORIGINATOR: MGL

DRAWN BY: LGB

DATE: 3/97



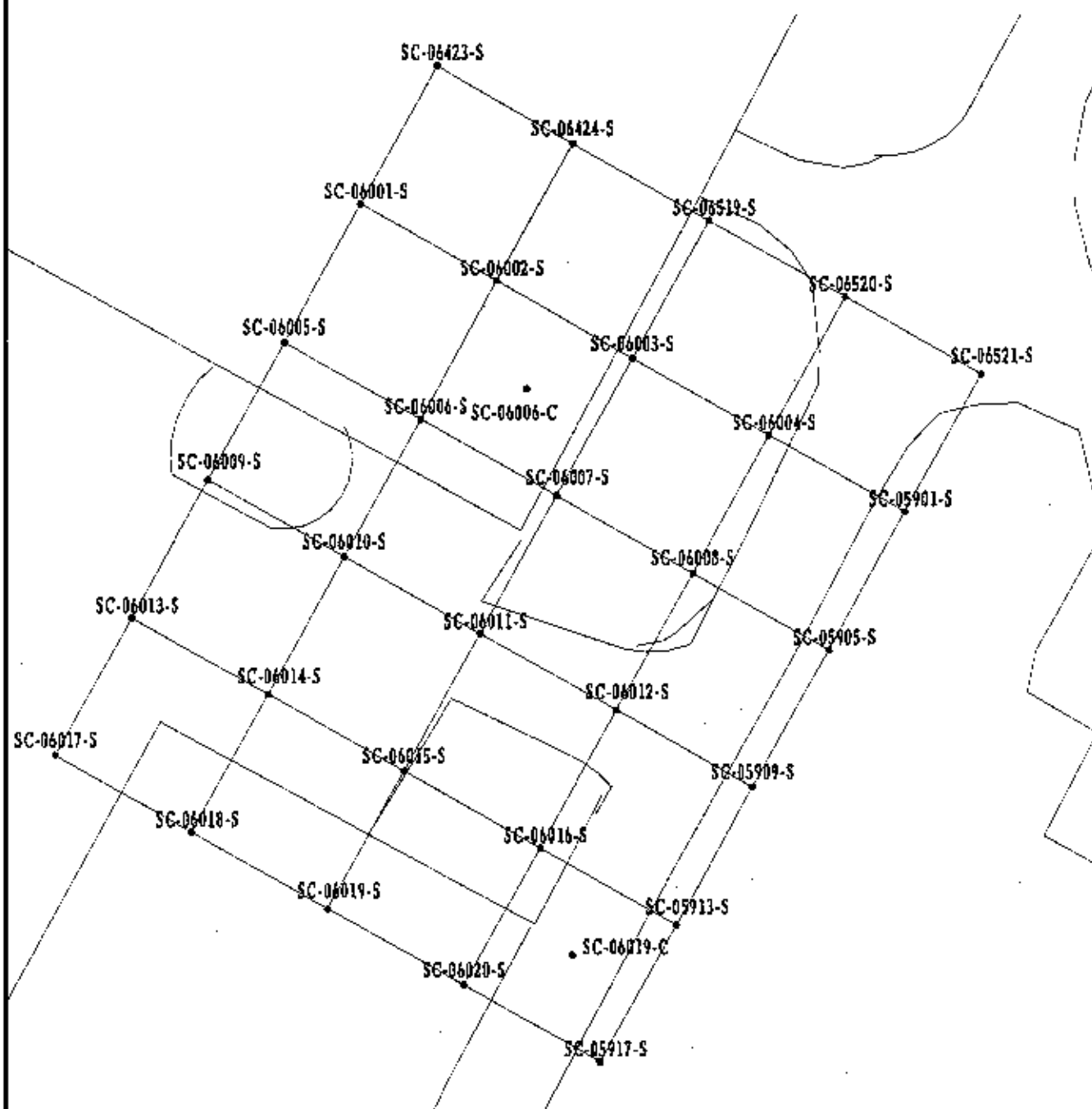
10 5 0 METERS

30 15 0 FEET

# Sample Locations in Remedial Unit RU007 Confirmation Unit CU059

Figure A-8

|                             |                              |
|-----------------------------|------------------------------|
| EXHIBIT NO.: A/CP/0053/0297 | REPORT NO.: DOE/OR/21548-667 |
| ORIGINATOR: MGL             | DATE: 3/97                   |
| DRAWN BY: LGB               |                              |



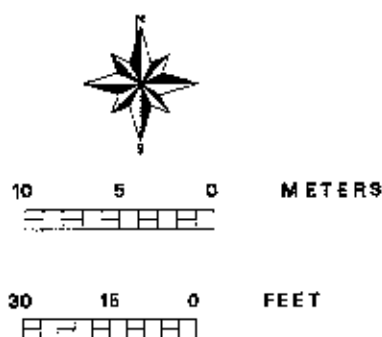
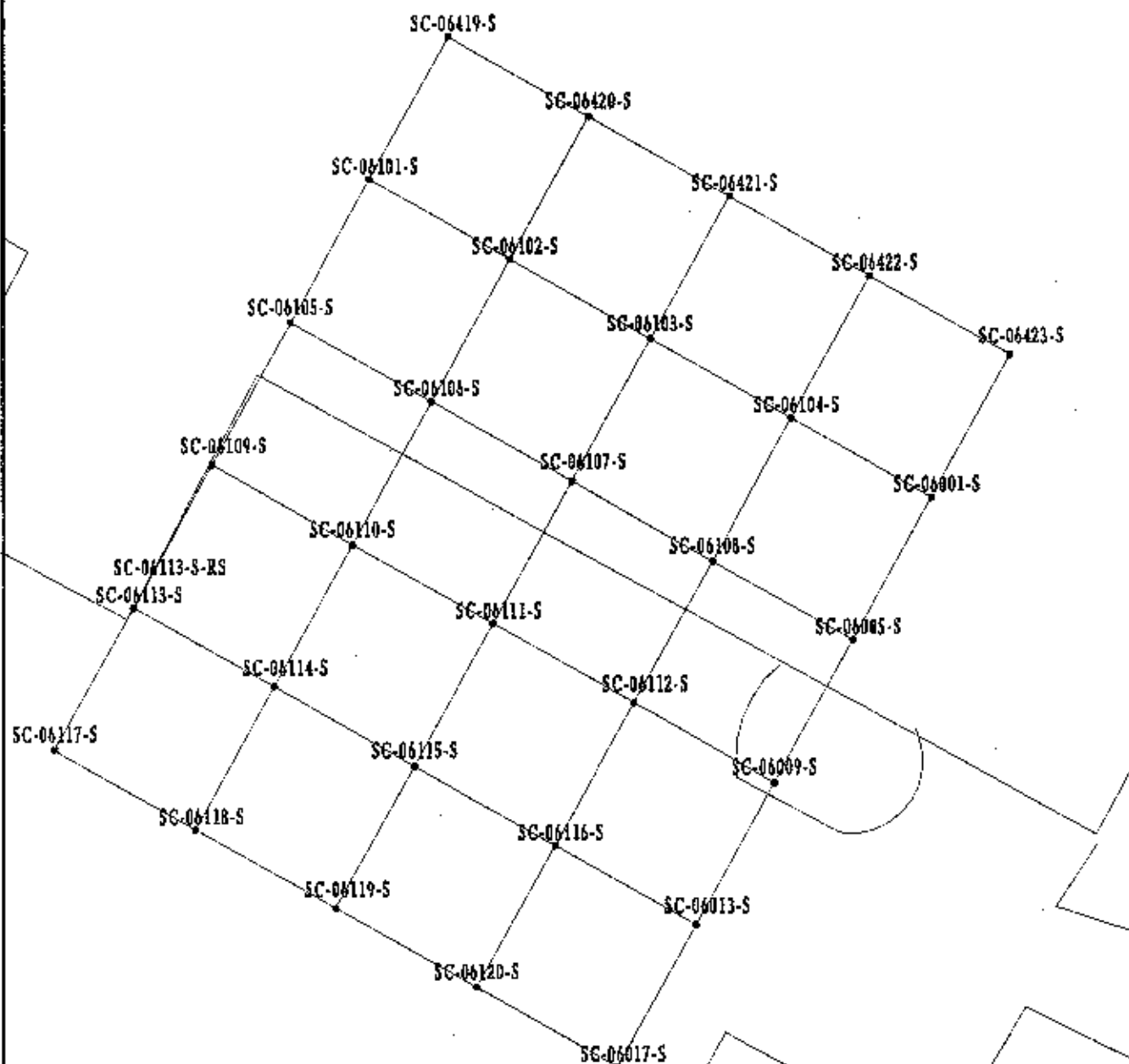
10 5 0 METERS

30 15 0 FEET

# Sample Locations in Remedial Unit RU007 Confirmation Unit CU060

Figure A-9

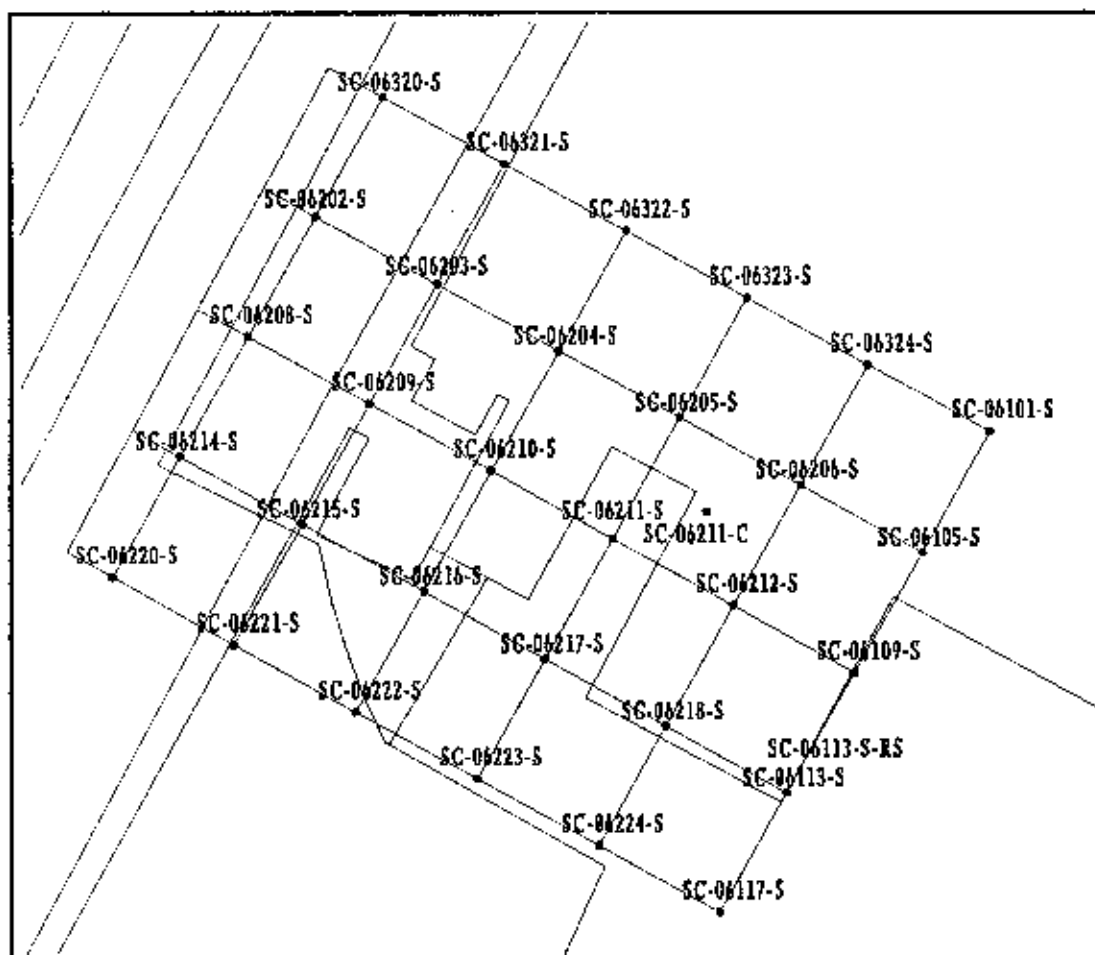
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|                             | DATE: 3/97                   |



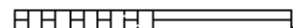
# Sample Locations in Remedial Unit RU007 Confirmation Unit CU061

Figure A-10

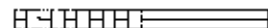
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|--------------|----------------|-------------|------------------|
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|              |                | DATE:       | 3/97             |



10 5 0 10 METERS



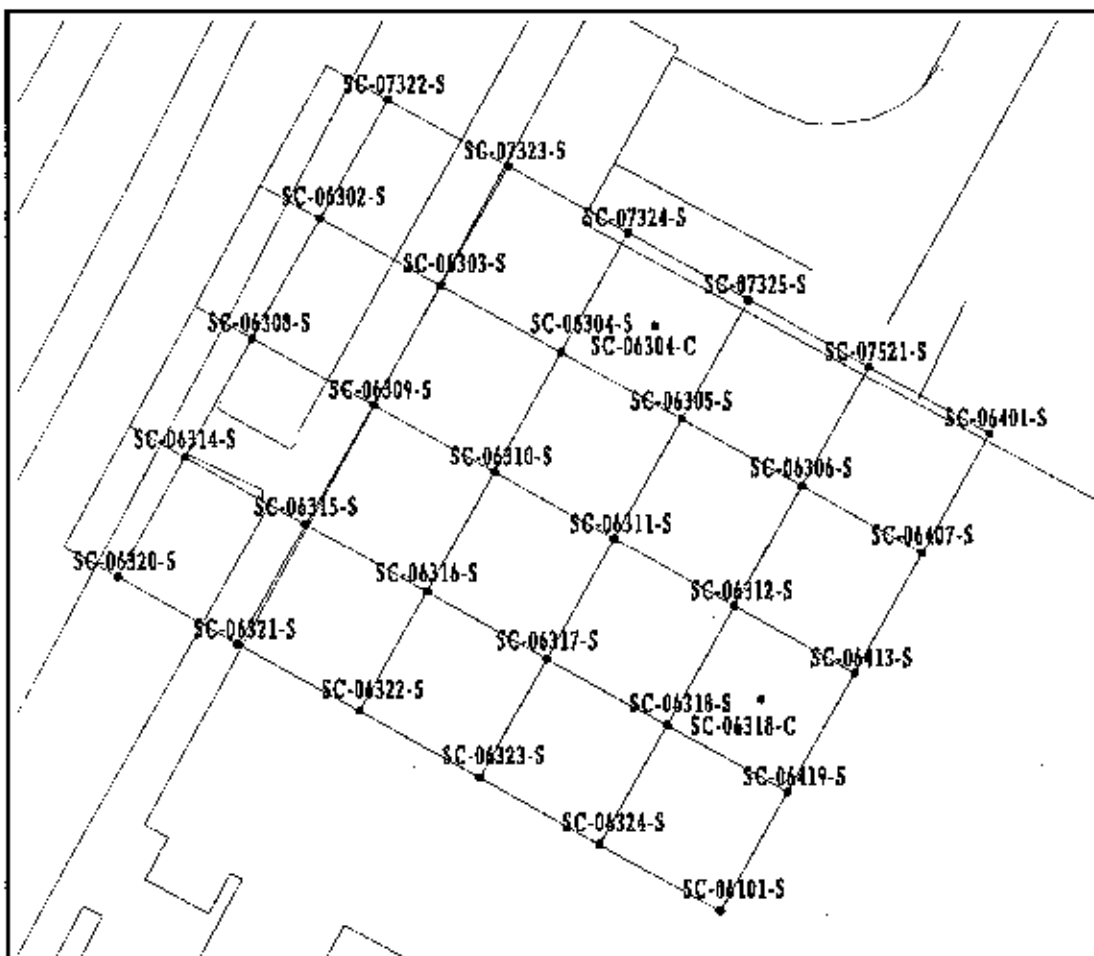
30 15 0 30 FEET



# Sample Locations in Remedial Unit RU007 Confirmation Unit CU062

Figure A-11

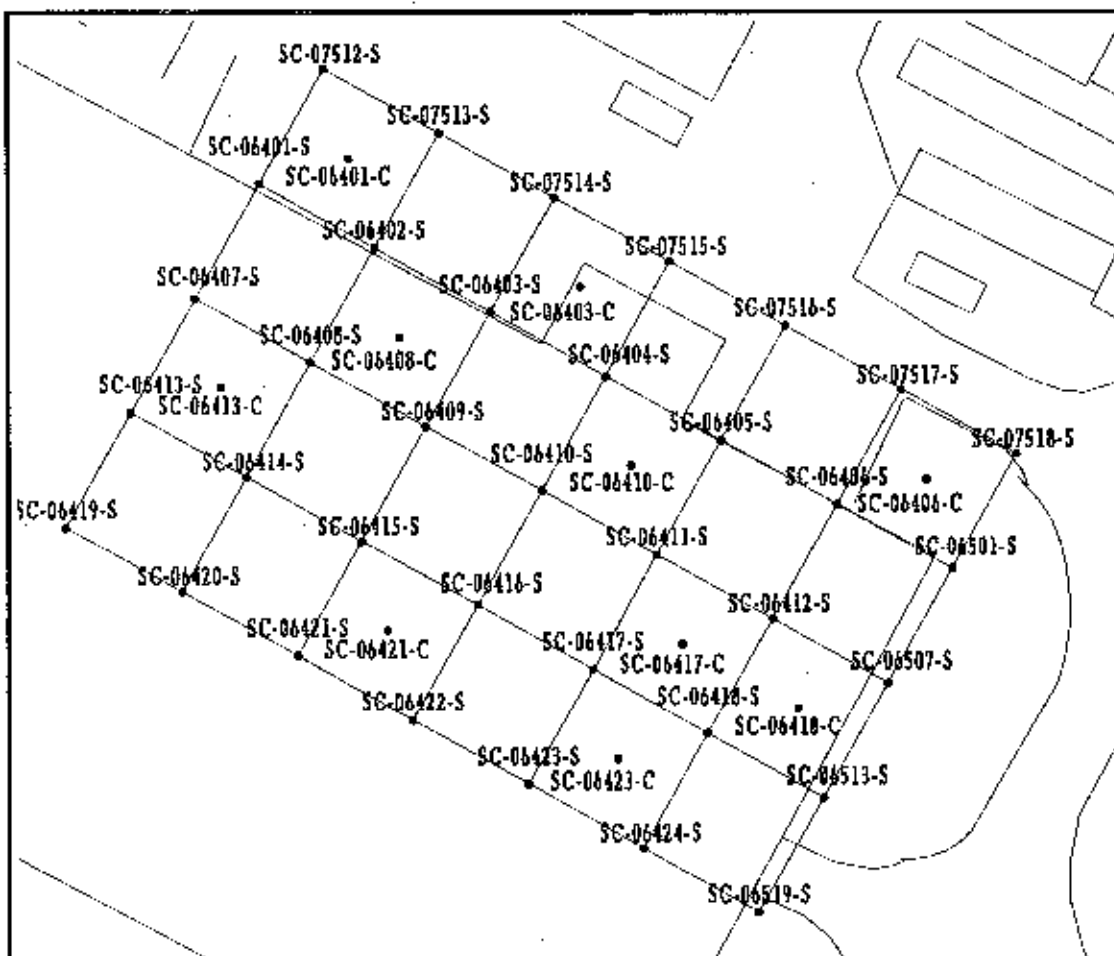
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|-----------------------------|------------------------------|
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| ORIGINATOR: MGL             | DRAWN BY: LGB                |
|                             | DATE: 3/97                   |



# Sample Locations in Remedial Unit RU007 Confirmation Unit CU063

Figure A-12

|                             |                              |
|-----------------------------|------------------------------|
| EXHIBIT NO.: AICP/0057/0297 | REPORT NO.: DOE/OR/21548-667 |
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| DATE: 3/97                  |                              |

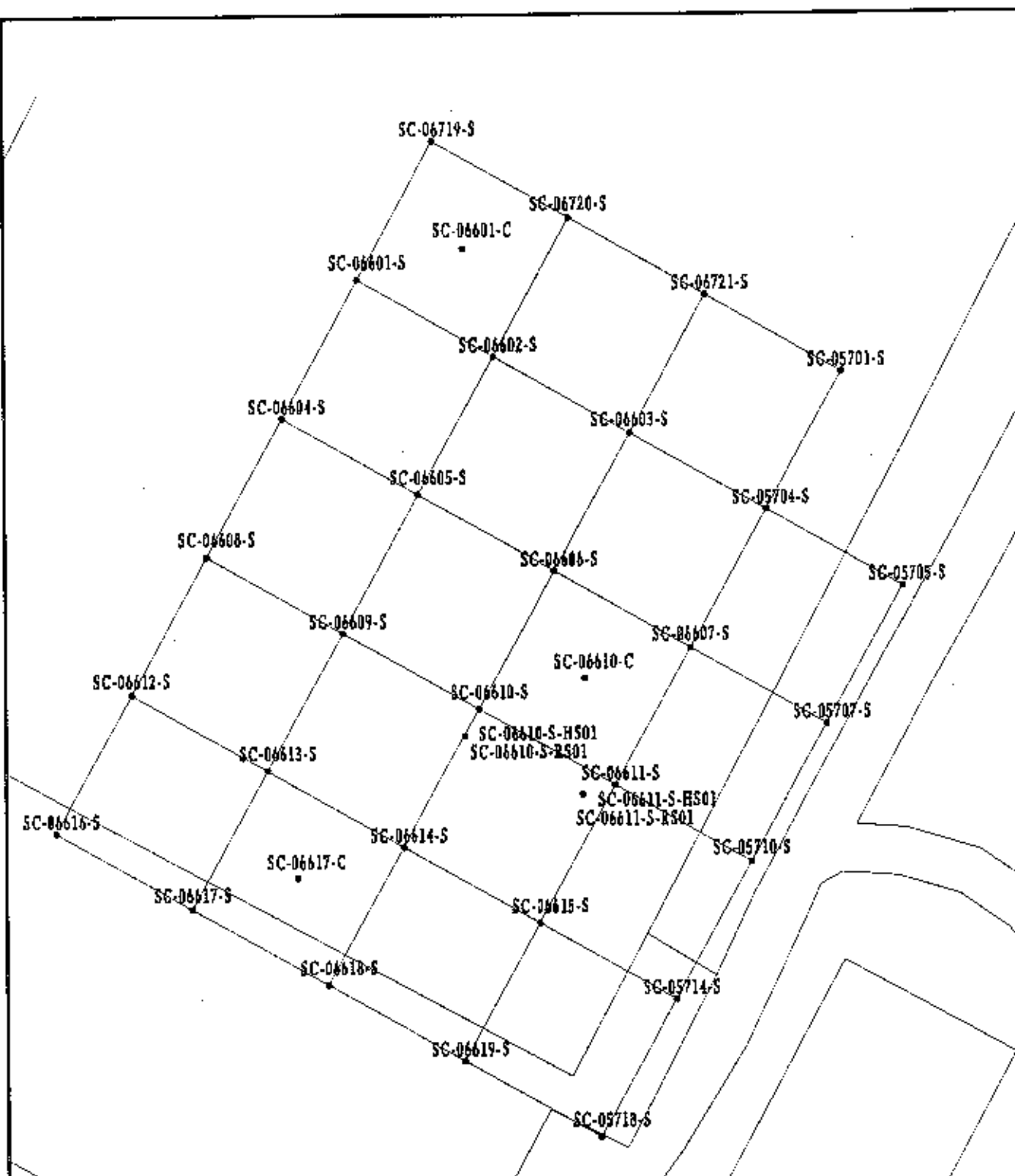


# Sample Locations in Remedial Unit RU007 Confirmation Unit CU064

Figure A-13

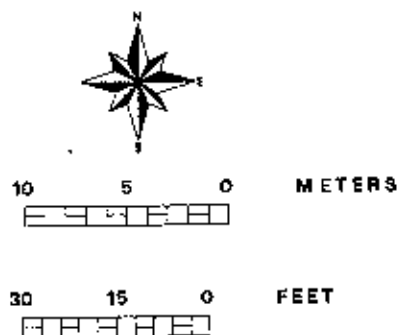
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| DATE: 3/97                 |                              |



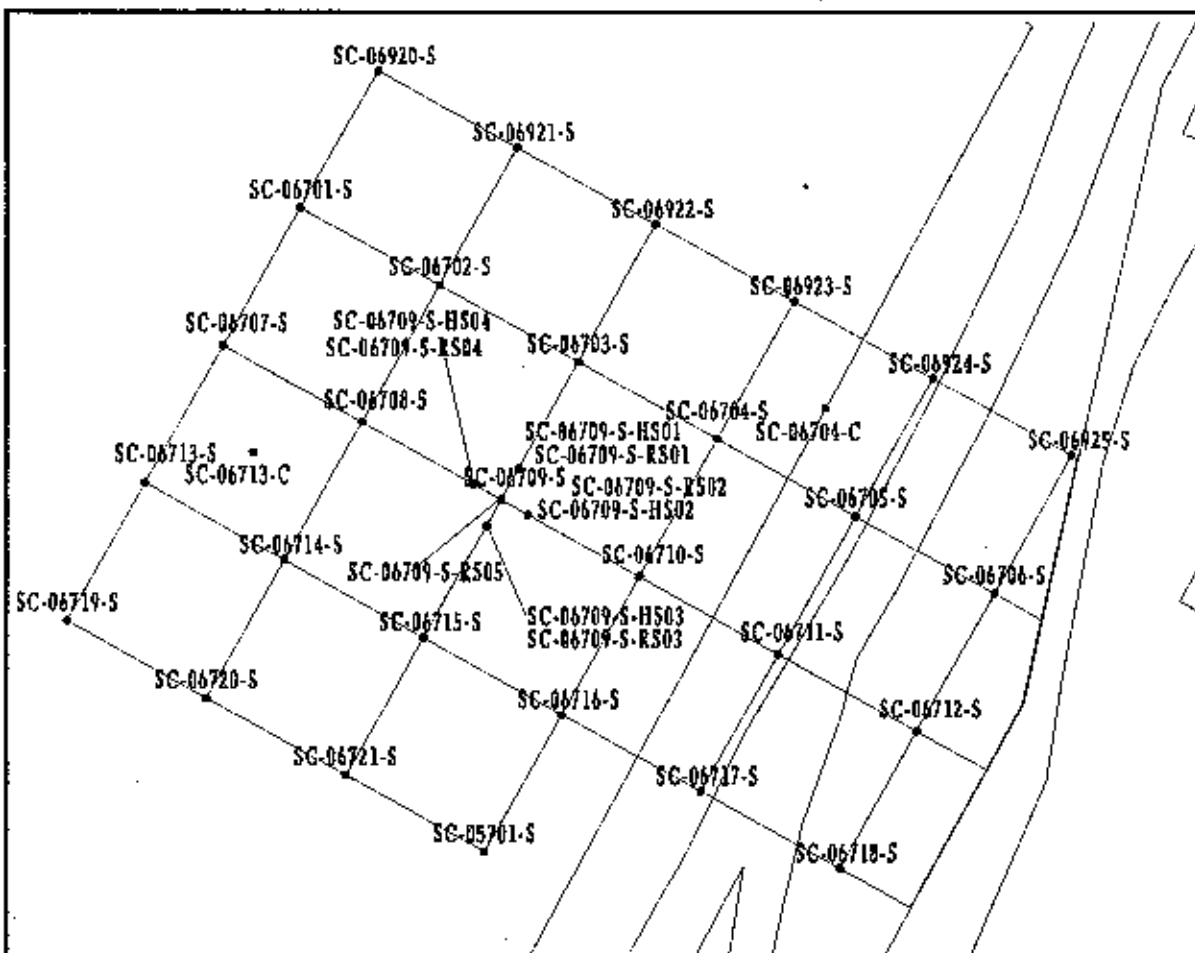


Sample Locations in Remedial Unit RU007  
Confirmation Unit CU066

Figure A-15



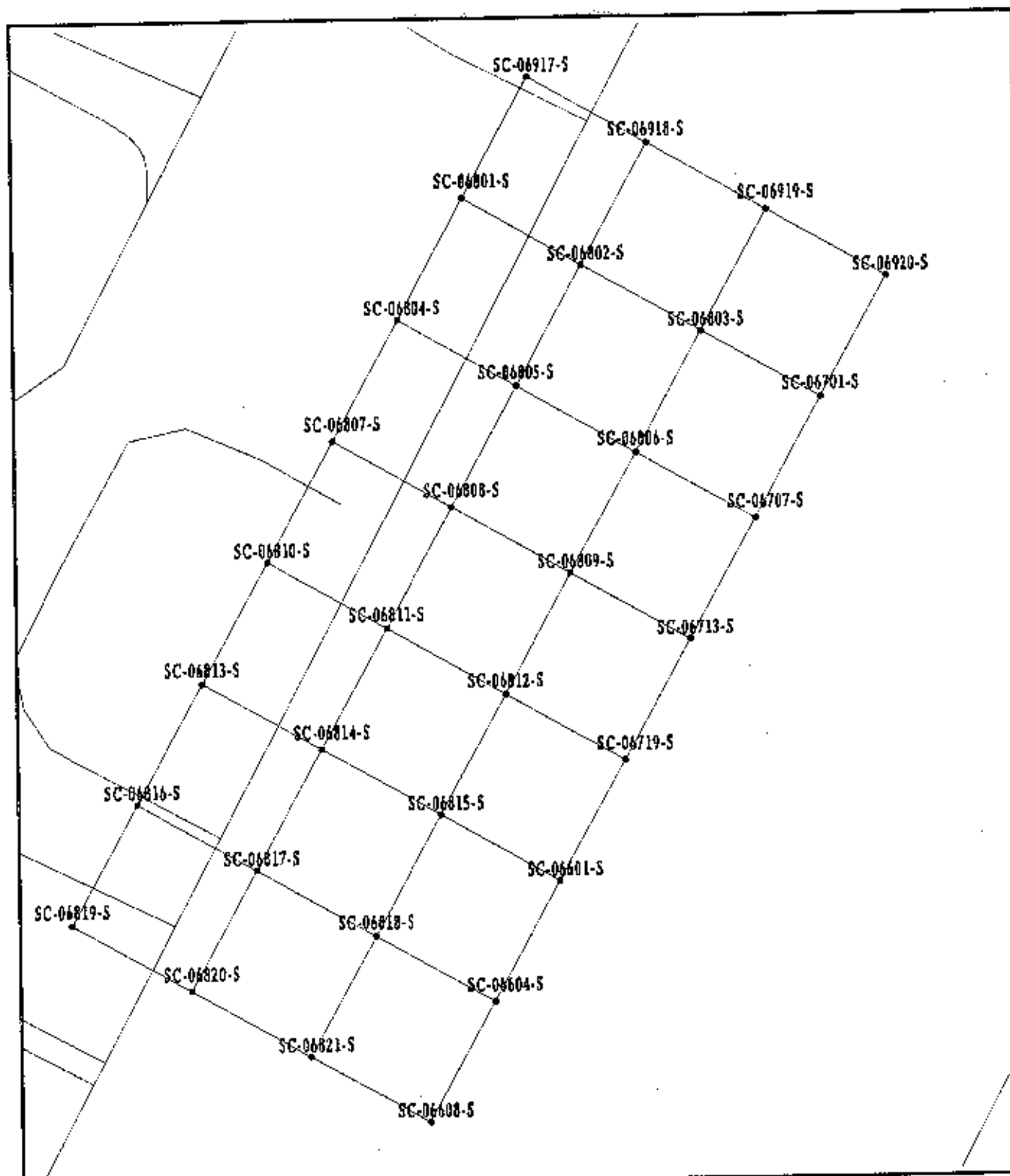
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| ORIGINATOR: MGL             | DRAWN BY: LGB                |
|                             | DATE: 3/97                   |



Sample Locations in Remedial Unit RU007  
Confirmation Unit CU067

Figure A-16

|                             |                              |
|-----------------------------|------------------------------|
| EXHIBIT NO.: A/CP/0061/0297 | REPORT NO.: DOE/OR/21548-667 |
| ORIGINATOR: MGI             | DRAWN BY: LGB                |
| DATE: 3/97                  |                              |



Sample Locations in Remedial Unit RU007  
Confirmation Unit CU068

Figure A-17

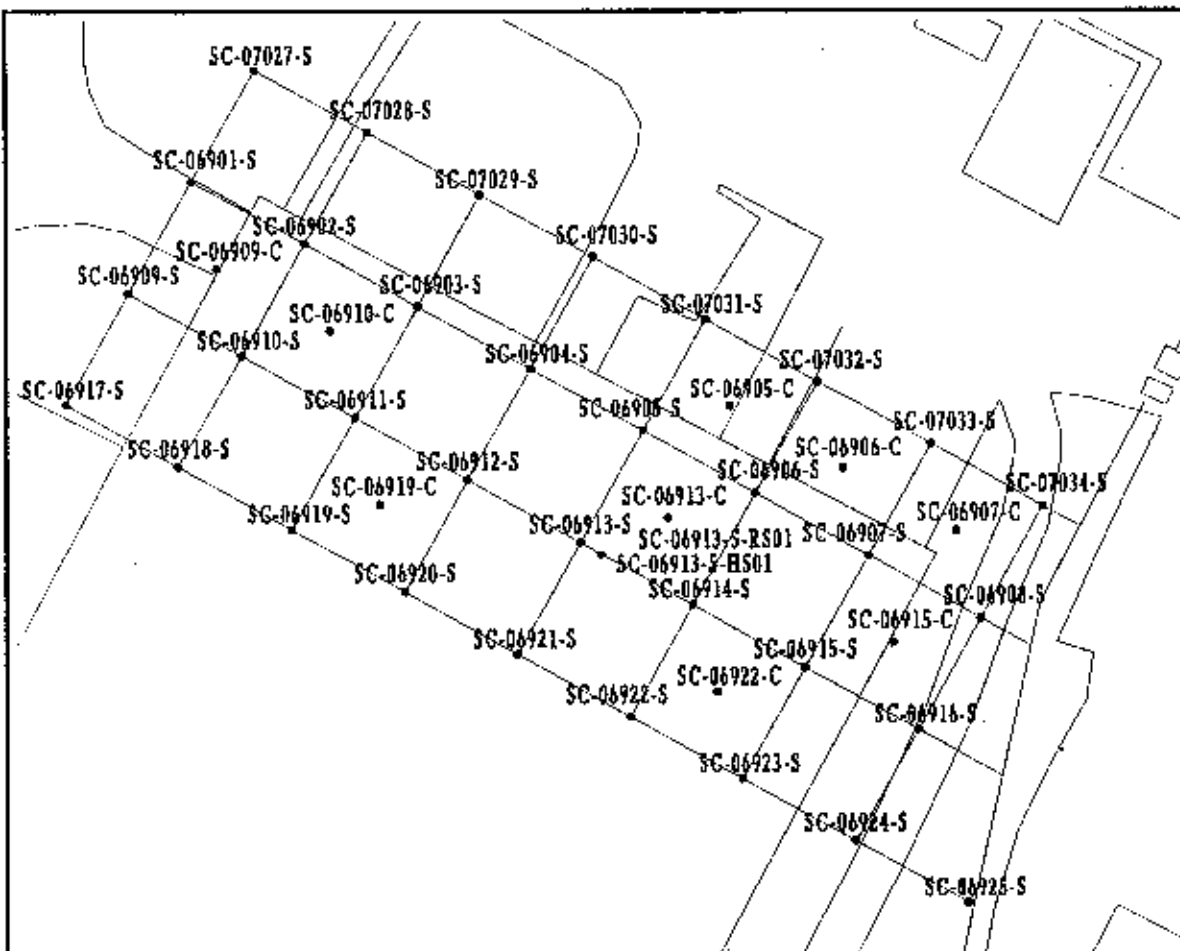
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REPORT NO.: DOE/OR/21548-667

ORIGINATOR: MGL

DRAWN BY: LGB

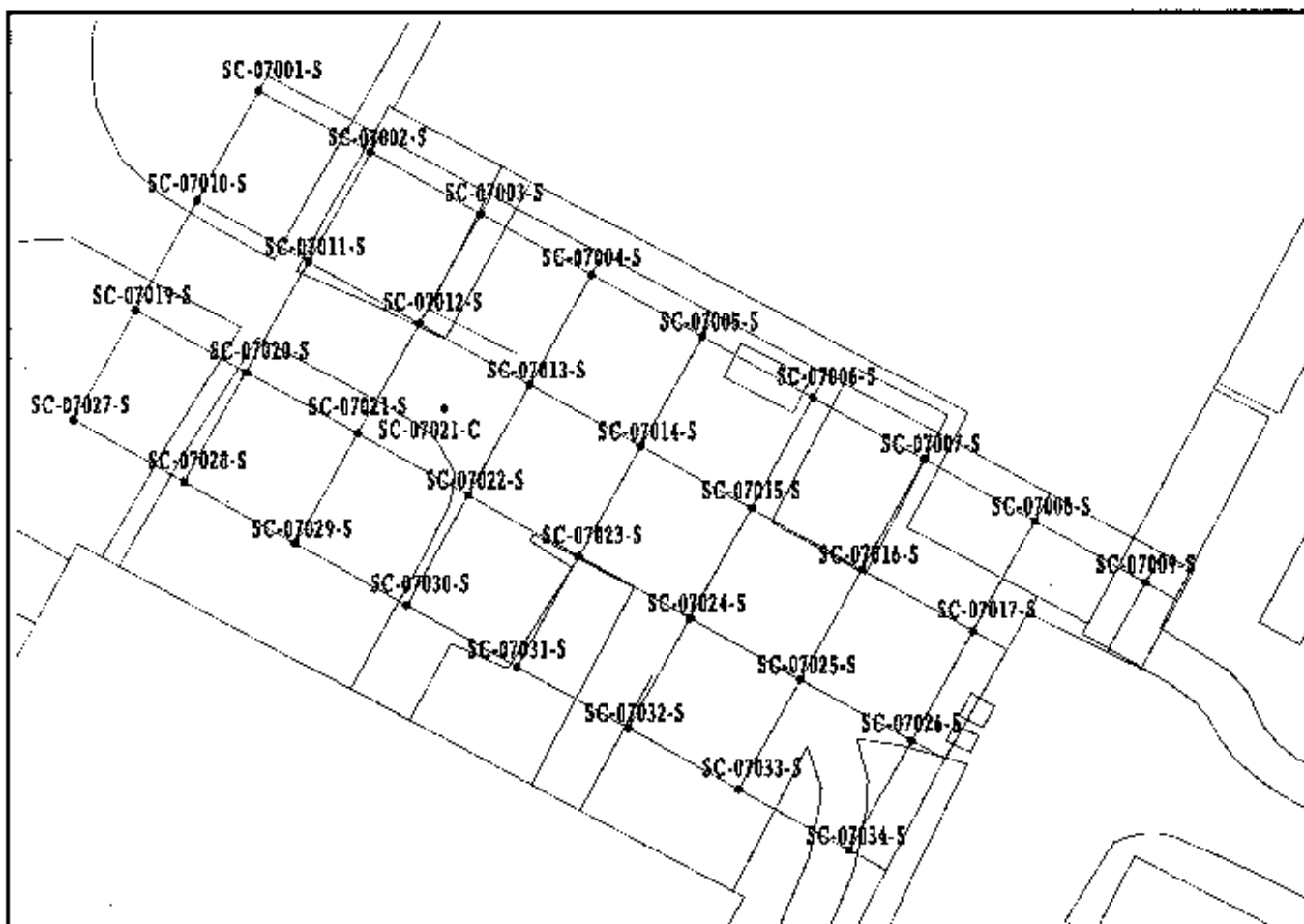
DATE: 3/97



Sample Locations in Remedial Unit RU007  
Confirmation Unit CU069

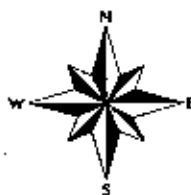
Figure A-18

|                             |                              |
|-----------------------------|------------------------------|
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| DATE: 3/97                  |                              |



10 5 0 10 METERS

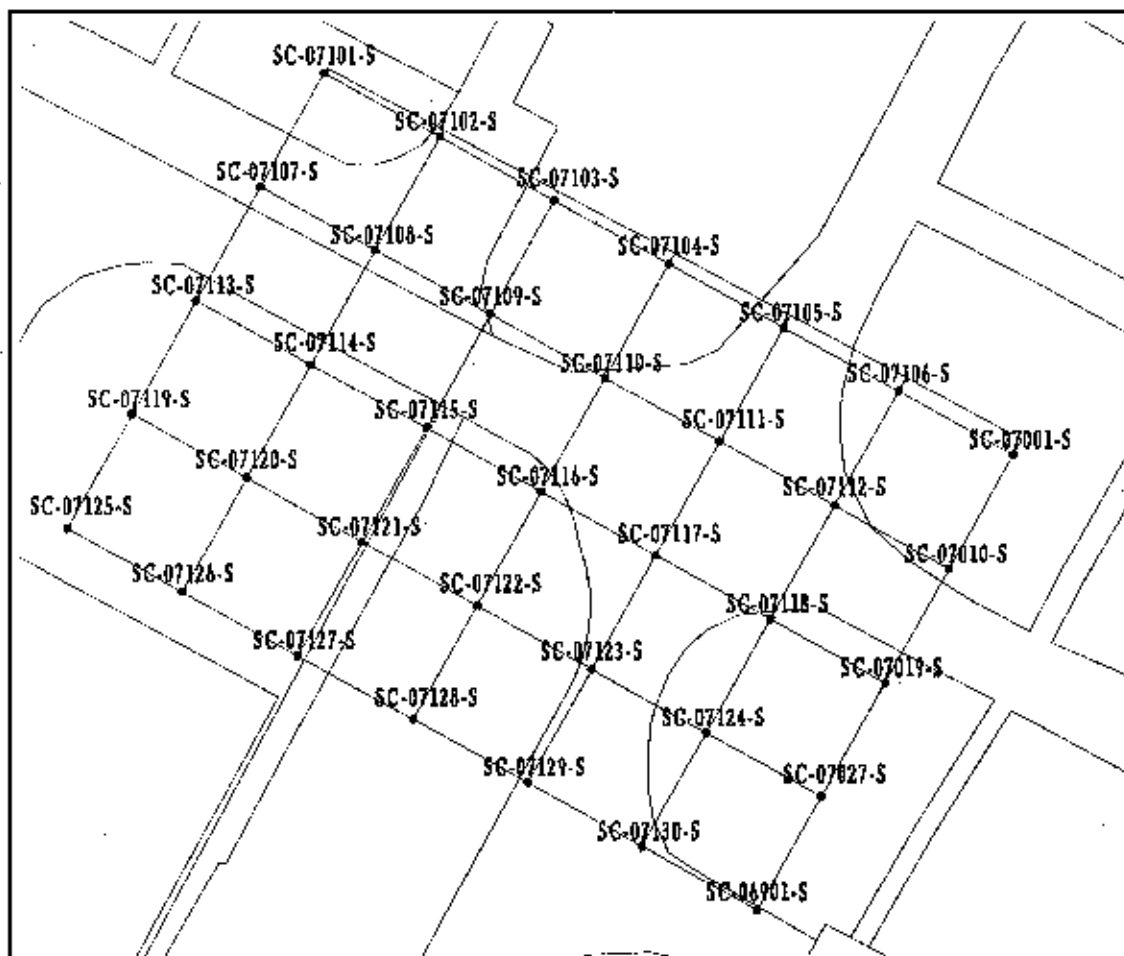
30 15 0 30 FEET



# Sample Locations in Remedial Unit RU007 Confirmation Unit CU070

Figure A-19

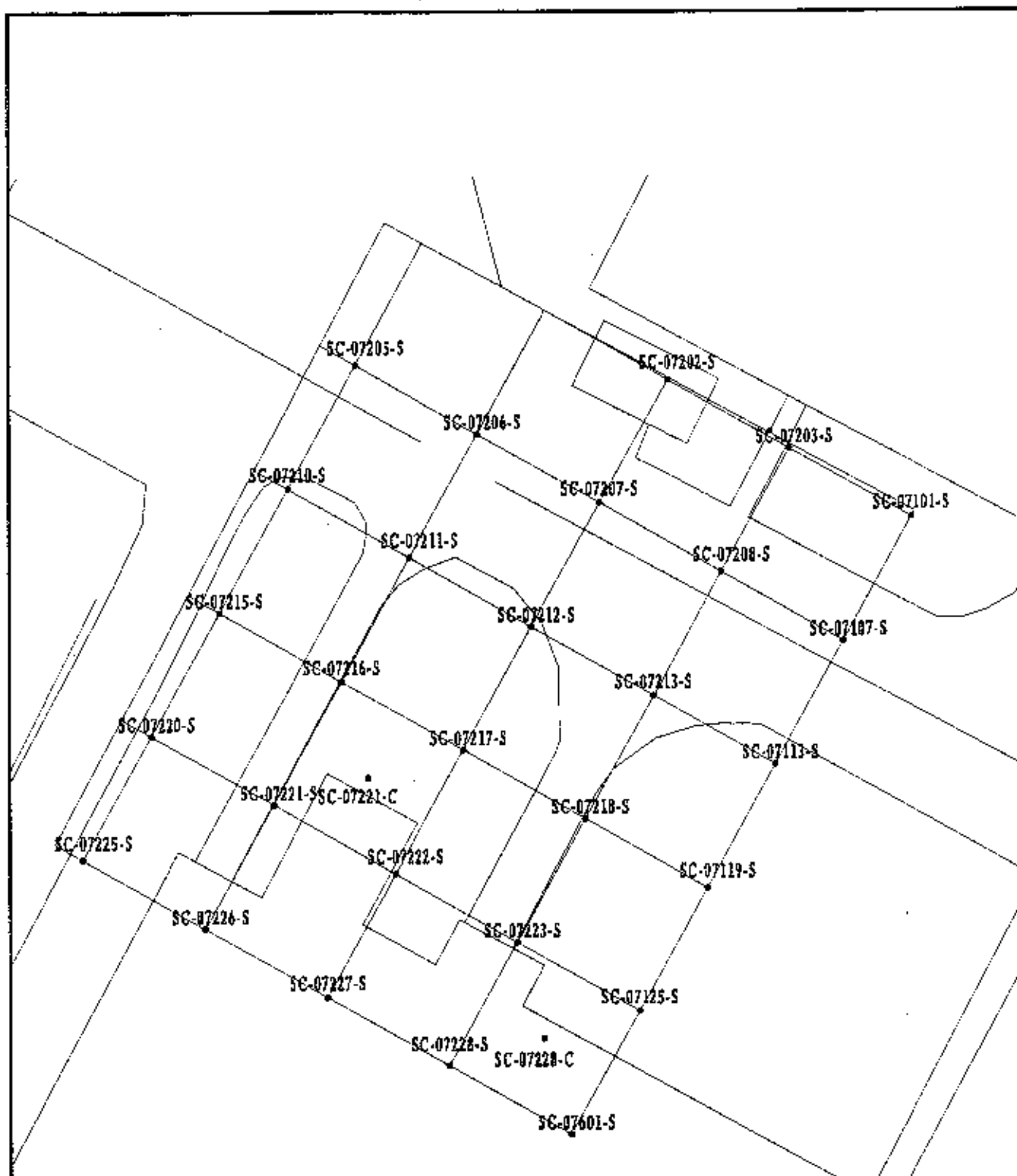
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|-----------------------------|------------------------------|
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| DATE: 3/97                  |                              |



Sample Locations in Remedial Unit RU007  
Confirmation Unit CU071

Figure A-20

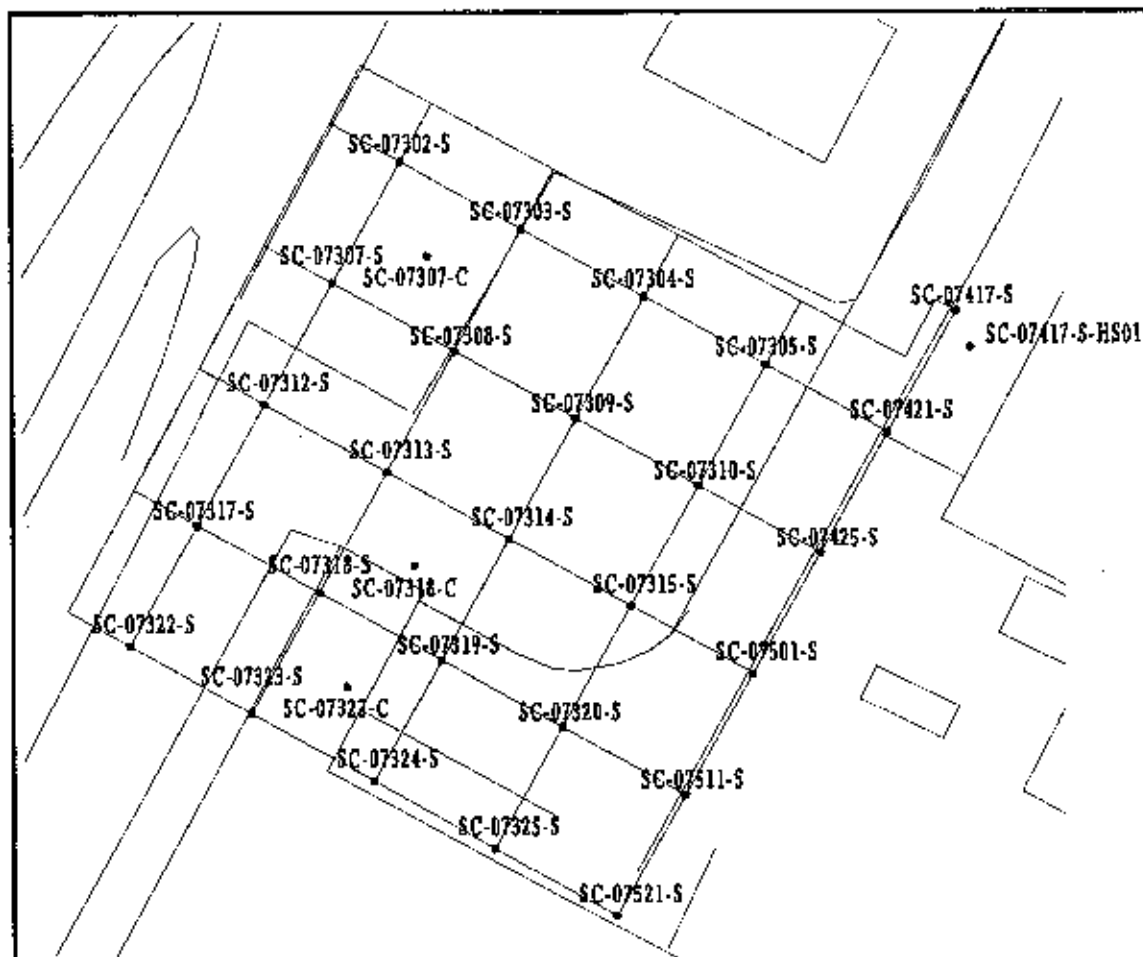
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|----------------------------|------------------------------|
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| DATE: 3/97                 |                              |



Sample Locations in Remedial Unit RU007  
Confirmation Unit CU072

Figure A-21

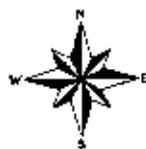
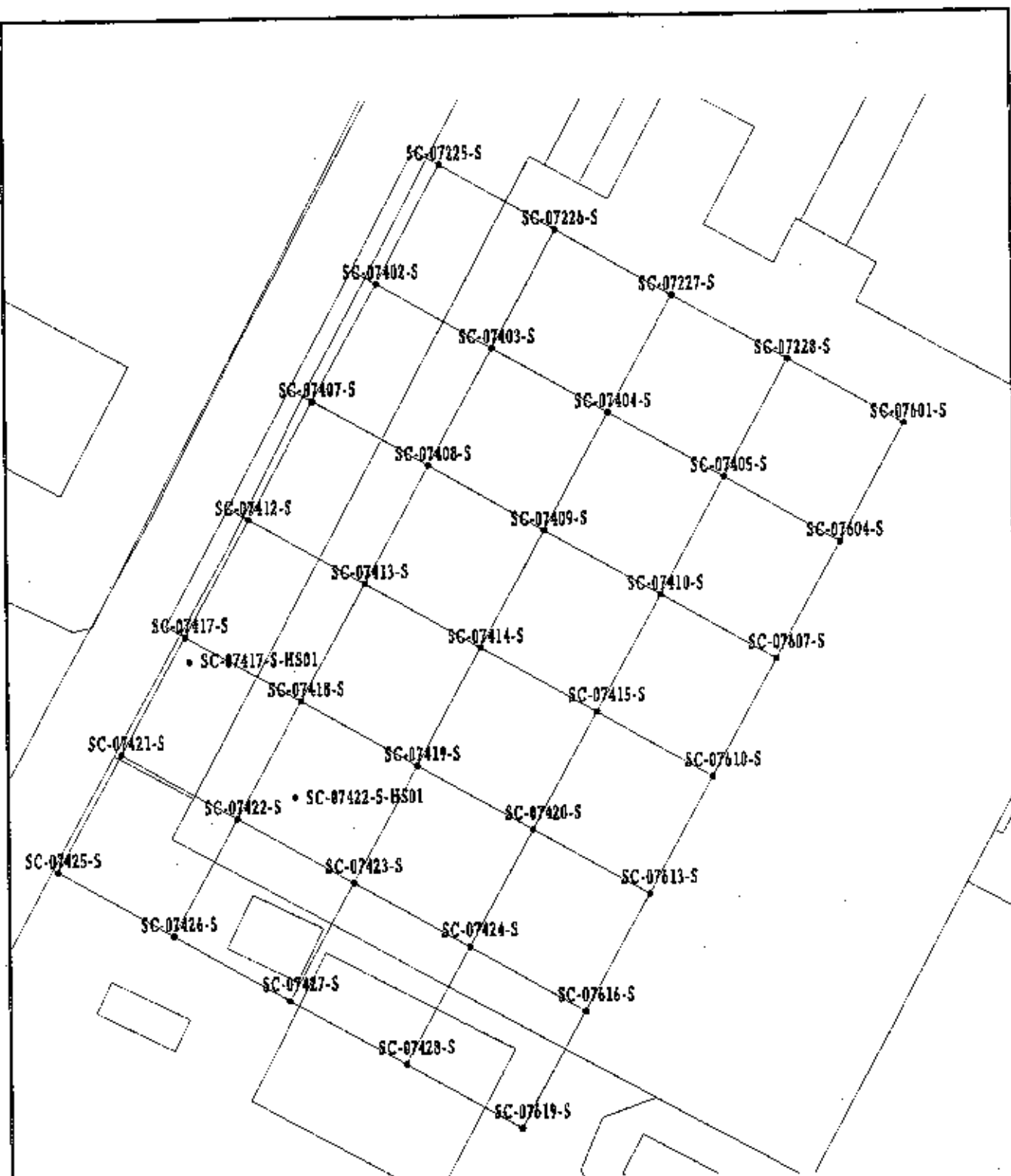
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|                            | DATE: 3/97                   |



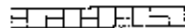
Sample Locations in Remedial Unit RU007  
Confirmation Unit CU073

Figure A-22

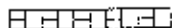
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| DATE: 3/97                  |                              |



10 5 0 METERS



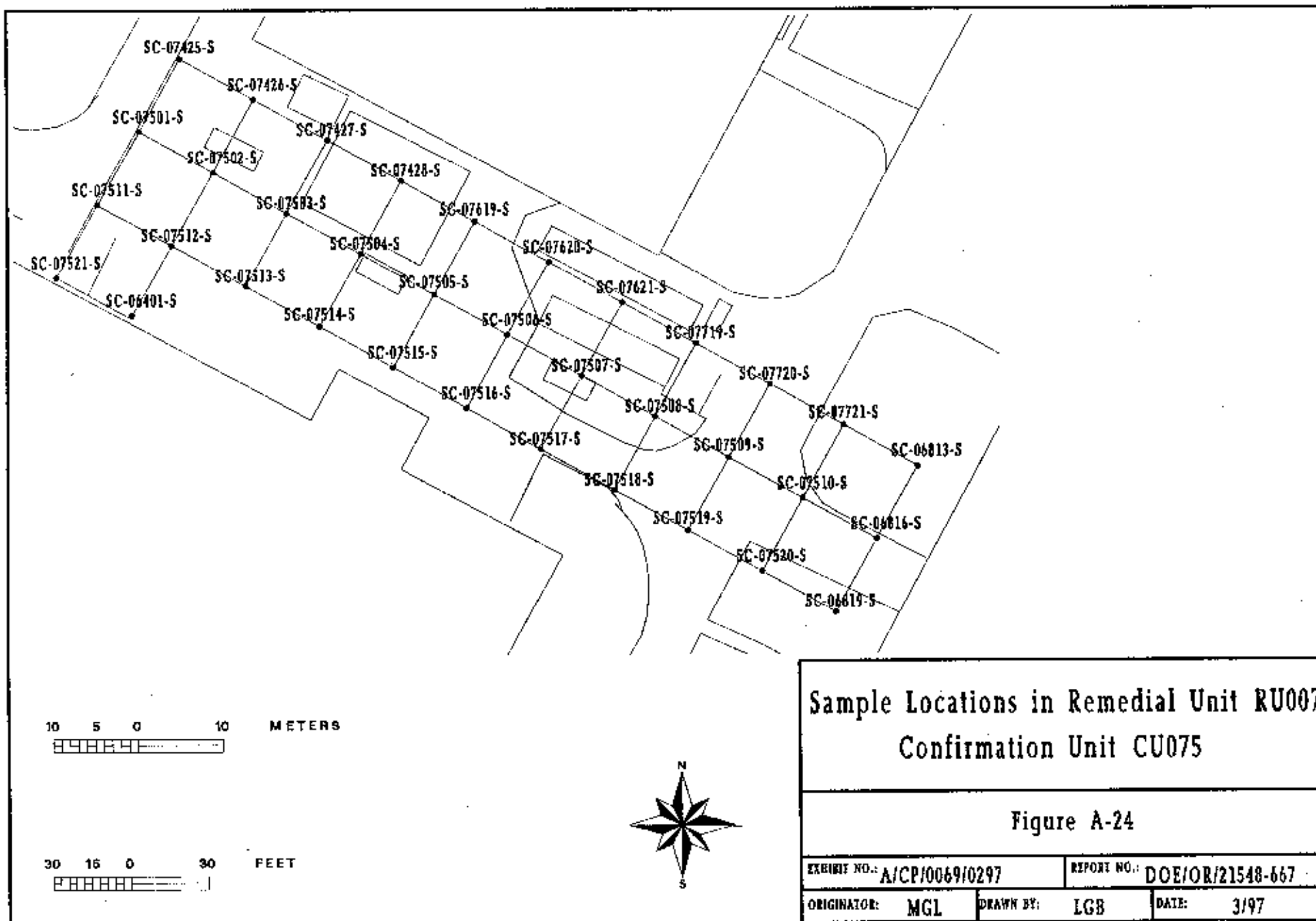
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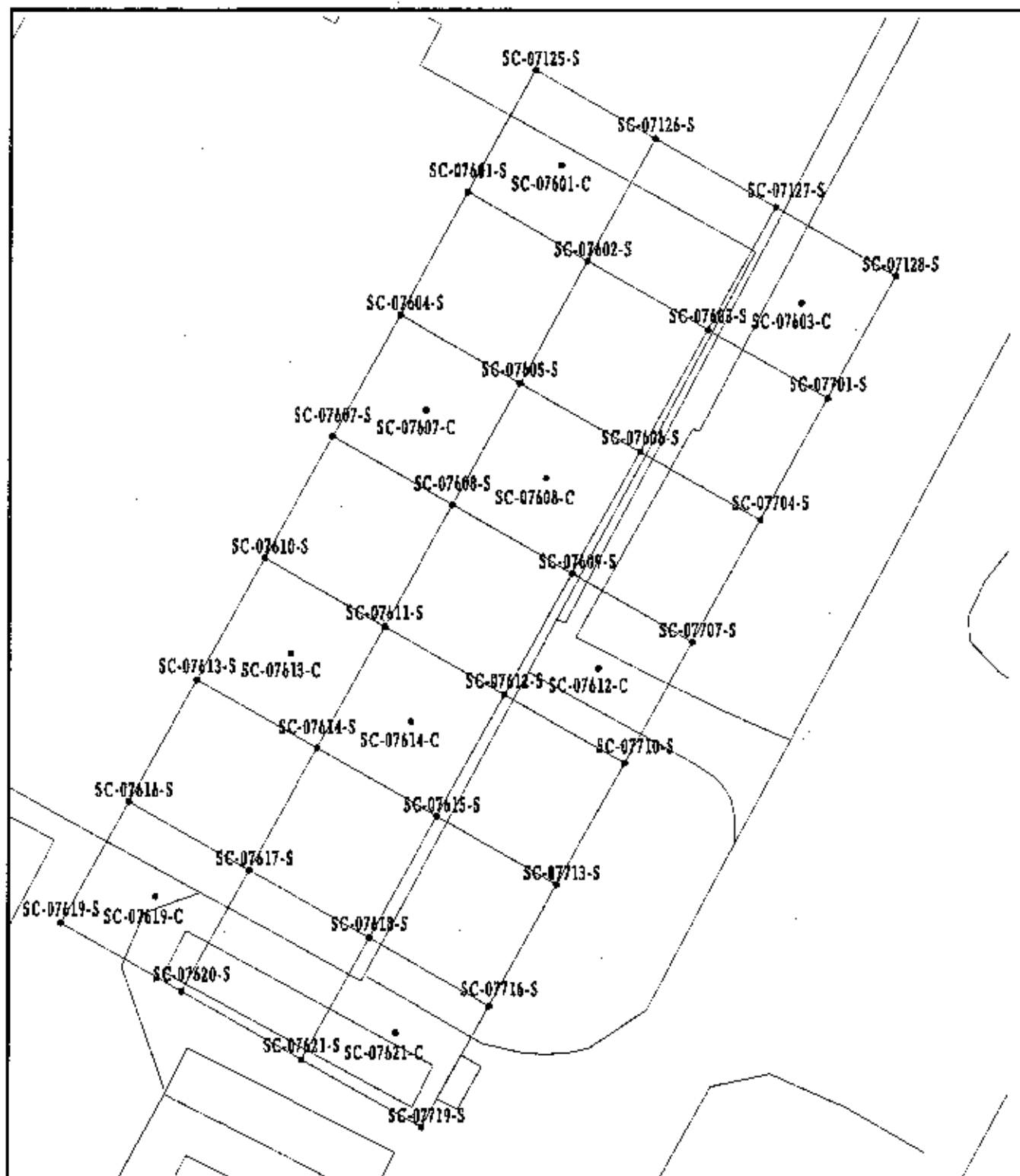


# Sample Locations in Remedial Unit RU007 Confirmation Unit CU074

Figure A-23

|              |                |             |                  |
|--------------|----------------|-------------|------------------|
| EXHIBIT NO.: | A/CP/0068/0297 | REPORT NO.: | DOE/OR/21548-667 |
| ORIGINATOR:  | MGL            | DRAWN BY:   | LGB              |
|              |                | DATE:       | 3/97             |

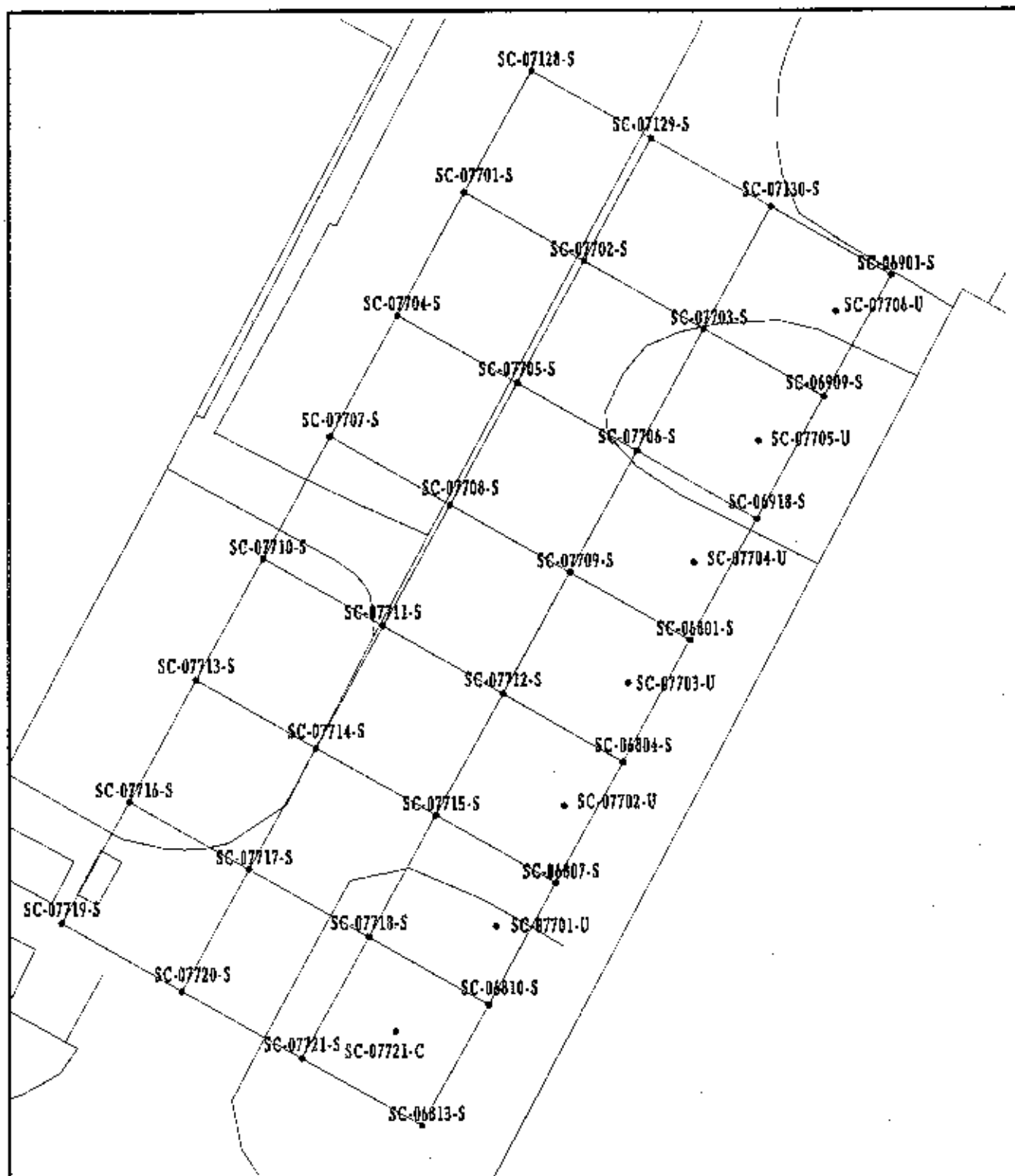




# Sample Locations in Remedial Unit RU007 Confirmation Unit CU076

Figure A-25

|              |               |             |                  |
|--------------|---------------|-------------|------------------|
| EXHIBIT NO.: | A/CP/070/0297 | REPORT NO.: | DOE/OR/21548-667 |
| ORIGINATOR:  | MGL           | DRAWN BY:   | LGB              |
|              |               | DATE:       | 3/97             |



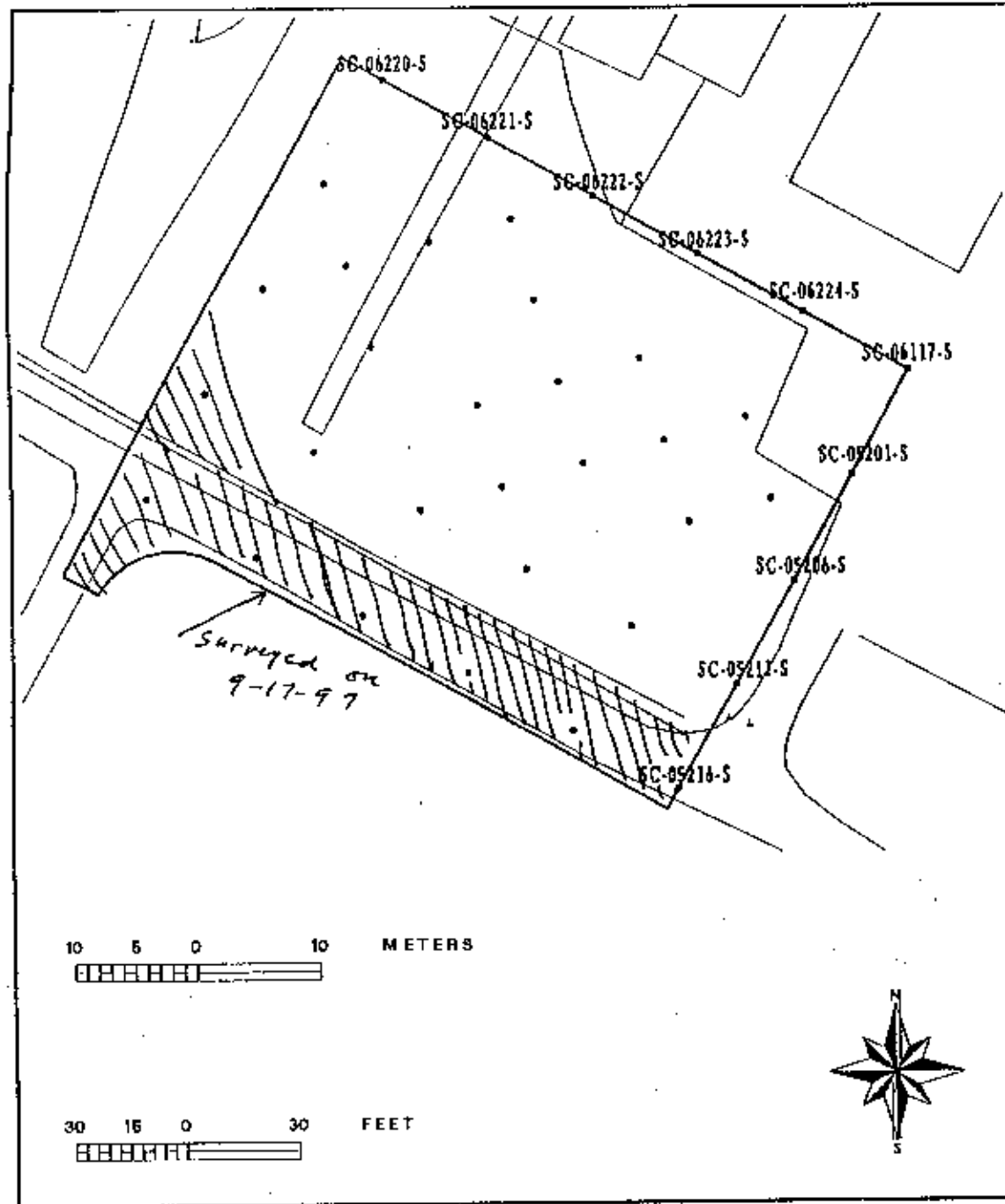
Sample Locations in Remedial Unit RU007  
Confirmation Unit CU077

Figure A-26

|                             |                              |
|-----------------------------|------------------------------|
| EXHIBIT NO.: A/CP/0071/0297 | REPORT NO.: DOE/OR/21548-667 |
| ORIGINATOR: MGL             | DRAWN BY: LGB                |
|                             | DATE: 3/97                   |

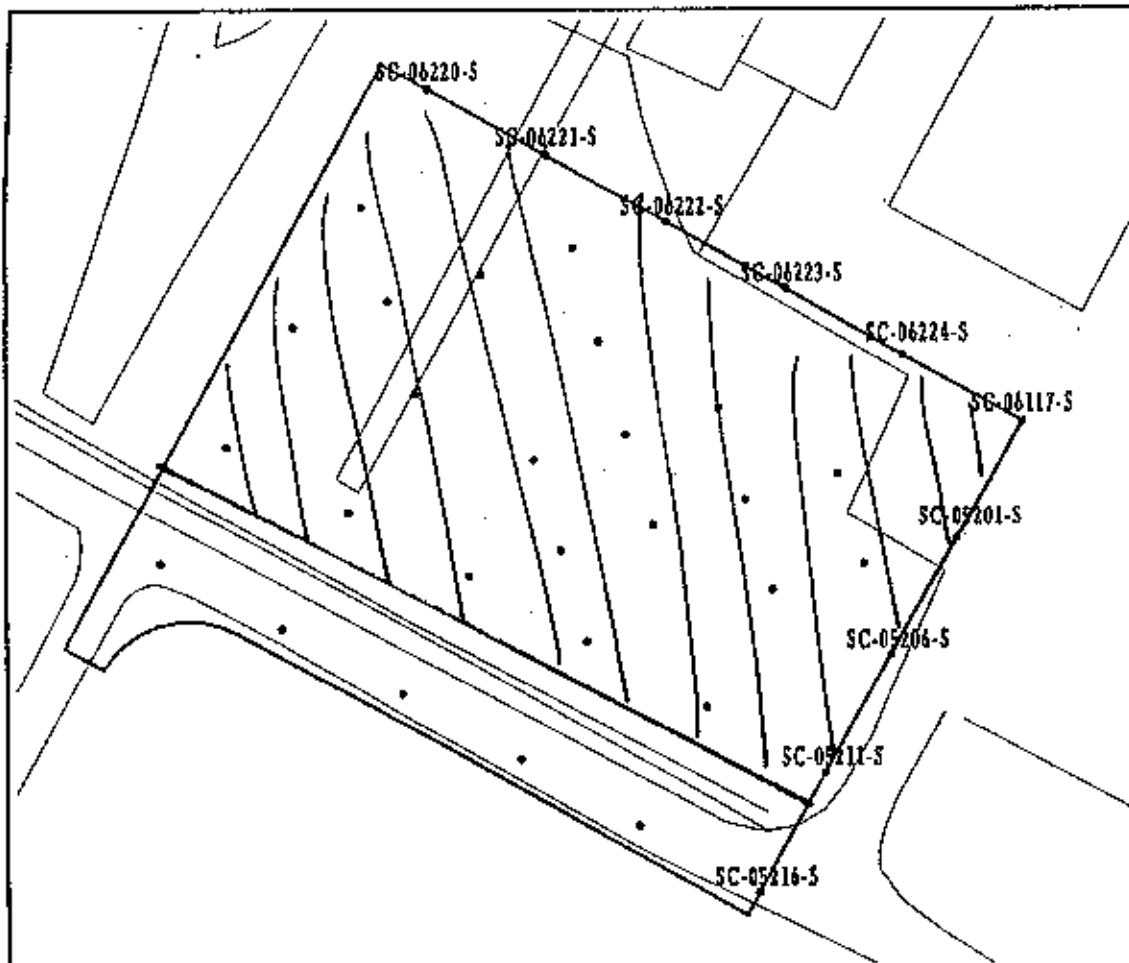
**APPENDIX B**  
**Radiation Survey Forms WP-420**

# Radiation Survey Form WP 420, RU007CU051



Meter Model#: 44-10 Detector Model#: 812 NaI  
 Meter Serial#: 127252, 125433 Detector Serial#: 122608-I  
 Calibration Due: 3-6-93, 2-7-97 Calibration Due: 4-3-97, 6-12-97  
 Survey Date/Time: 9-17-96 (1300-1600) Field Rtg.: 12200, 12000 CPM  
 Surveyor(s): Todd Butzloff & Leont Hagoss  
 Comments: The above area has been  
surveyed and found to be less  
than 1.5X back-ground

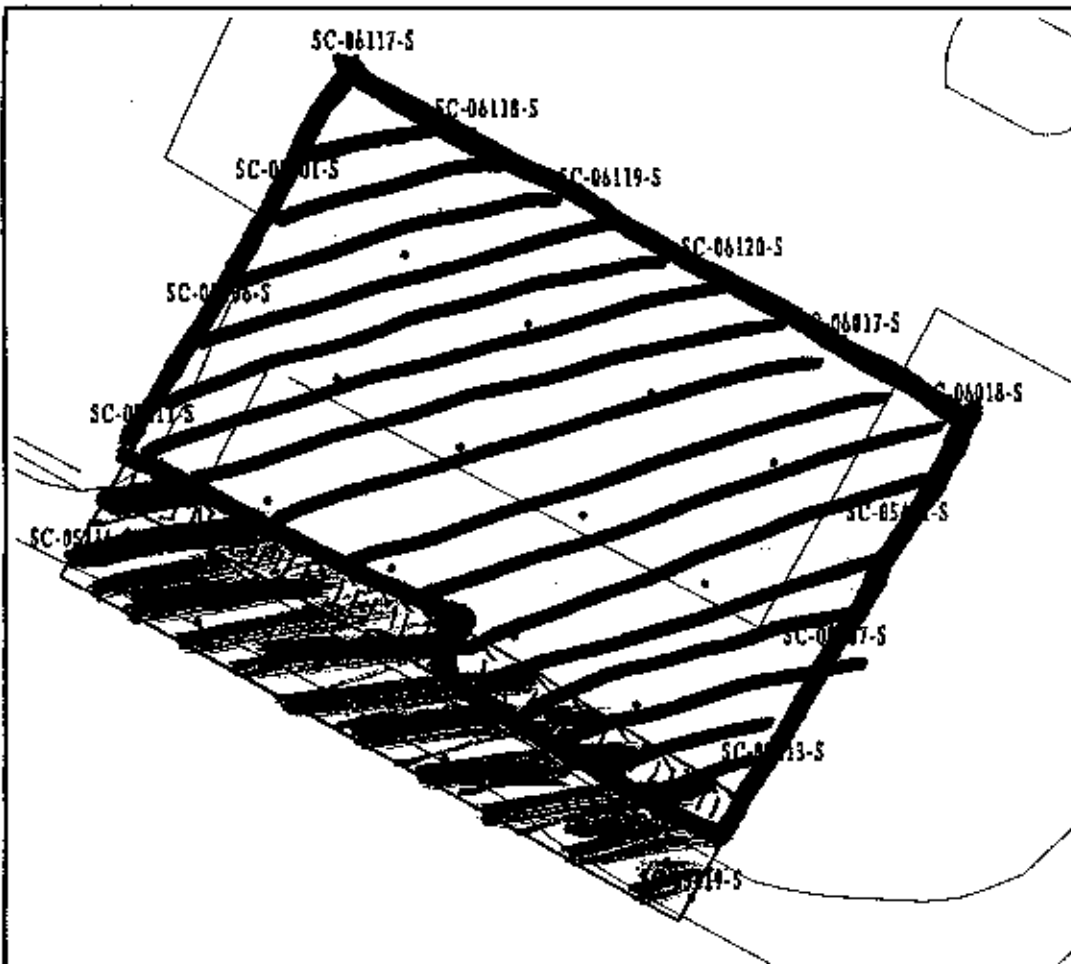
# Radiation Survey Form WP 420, RU007CU051



PARTIAL ON CUOSI-ROAD-  
WAY NOT SURVEYED

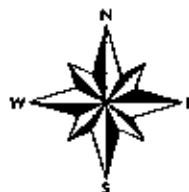
Meter Model#: 44-10 Detector Model#: 2x2 NaI  
 Meter Serial#: 127252, 125433 Detector Serial#: 122608-I  
 Calibration Due: 3-6-97, 2-7-97 Calibration Due: 4-3-97, 6-12-97  
 Survey Date/Time: 9-4-96 <sup>1300-1400</sup> Field Rtg: 13,000 cpm / 4,200 spm  
 Surveyor(s): T. Butzkoff / L. Hagoss  
 Comments: The above area was surveyed and  
was found to be less than 1.5-times background

# Radiation Survey Form WP 420, RU007CU052



10 5 0 10 METERS

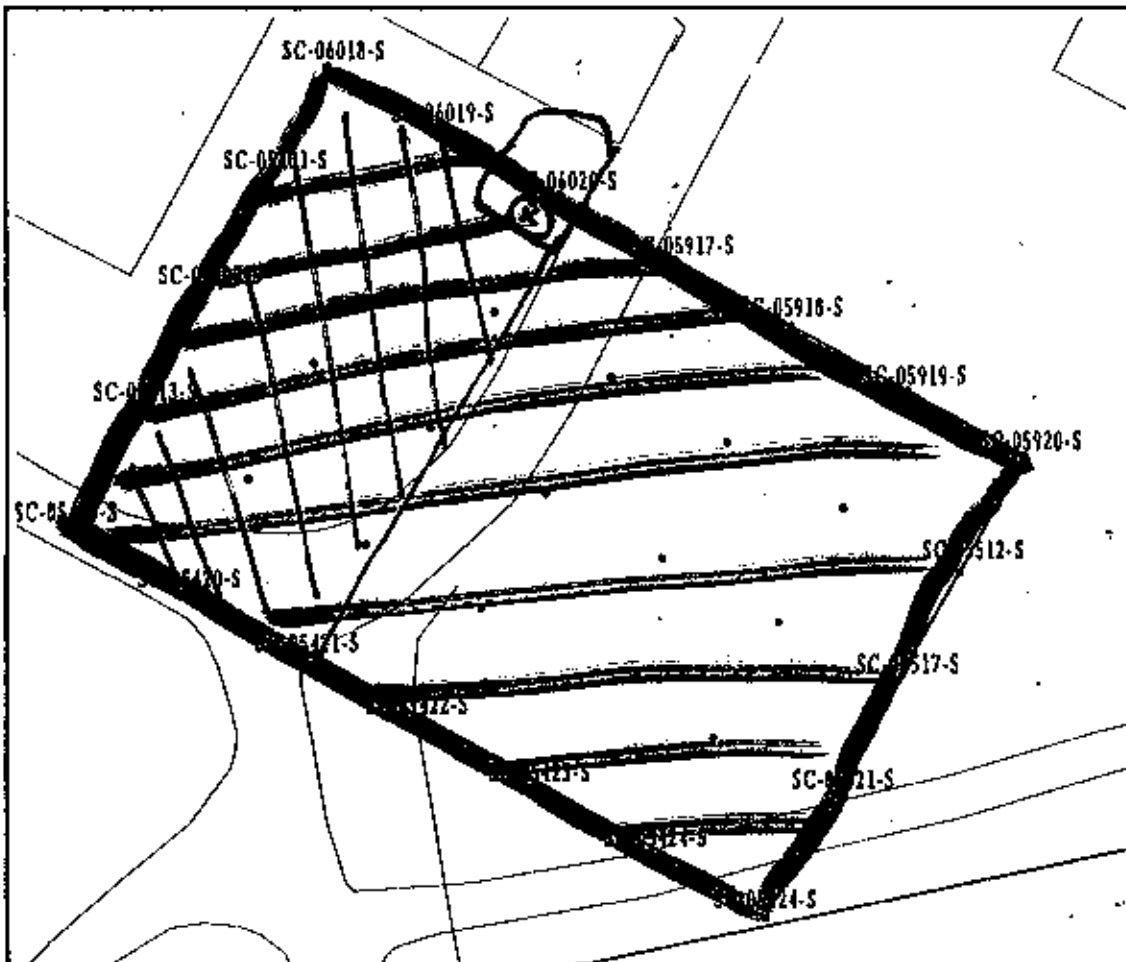
30 16 0 30 FEET



AREAS Found to be  $< 1.5 \text{ Bkg}$ .  
AREAS Found to be  $< 1.5 \text{ Bkg}$

Meter Model: 2221 Detector Model: 44-10  
Meter Serial: 4331/2172 Detector Serial: 424DF/4327I  
Calibration Due: 2-2-97/3-13-97 Calibration Due: 6-12-97/4-3-97  
Survey Date/Time: 9-17-96/1700-2000 Field Bkg.: 11500/12000  
Surveyor(s): B. McCLANE, F. Alcantara, L. HAGGESS, T. Butcher  
Comments: All areas north of the southern E-W runway, which were surveyed & found to be  $< 1.5 \text{ Bkg}$ . Eastern portion of field is also  $< 1.5 \text{ Bkg}$ . PLATEAU AND WEST TOWER HT  $< 1.5 \text{ Bkg}$ .

# Radiation Survey Form WP 420, RU007CU054



10 5 0 10 METERS

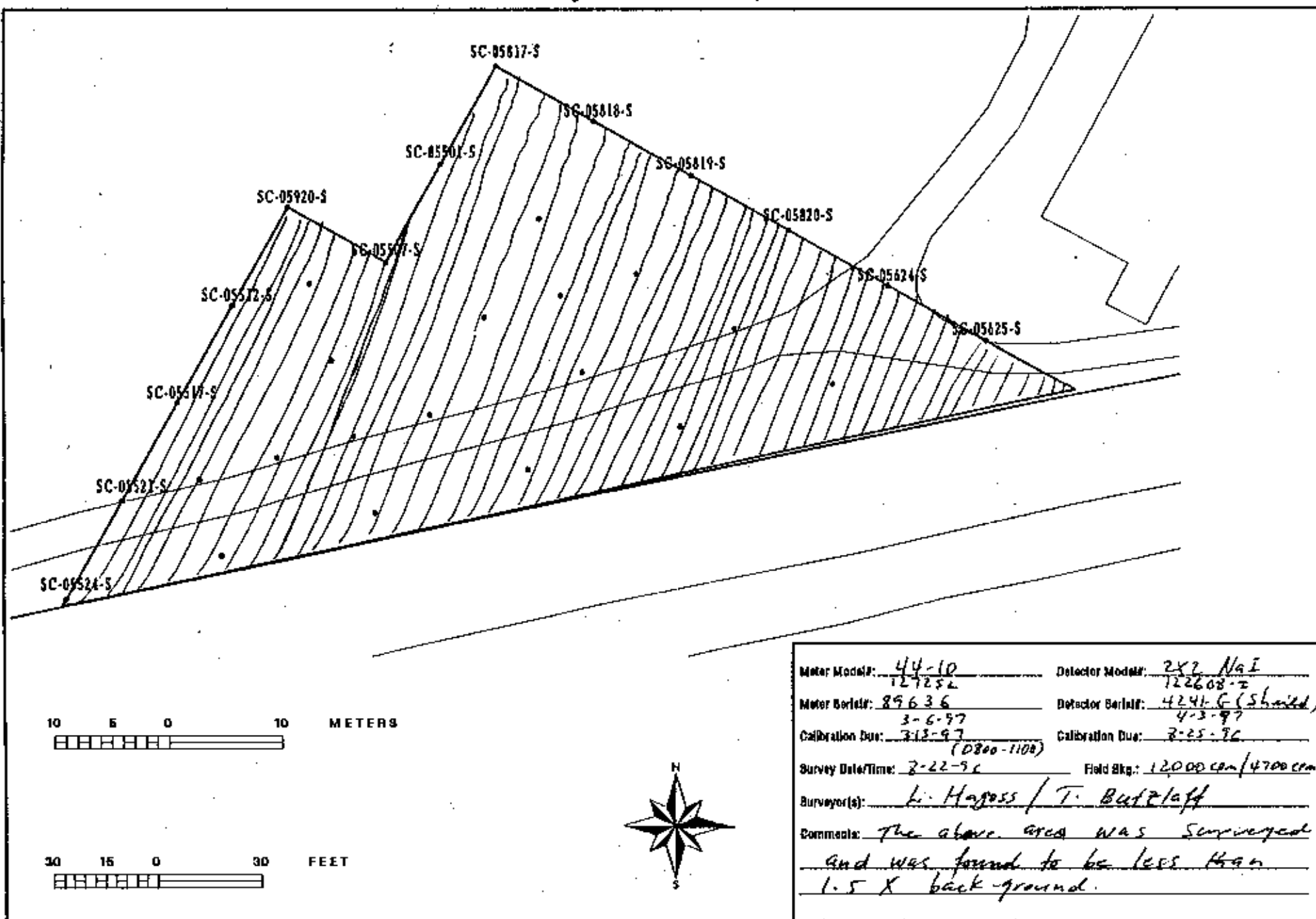
30 15 0 30 FEET



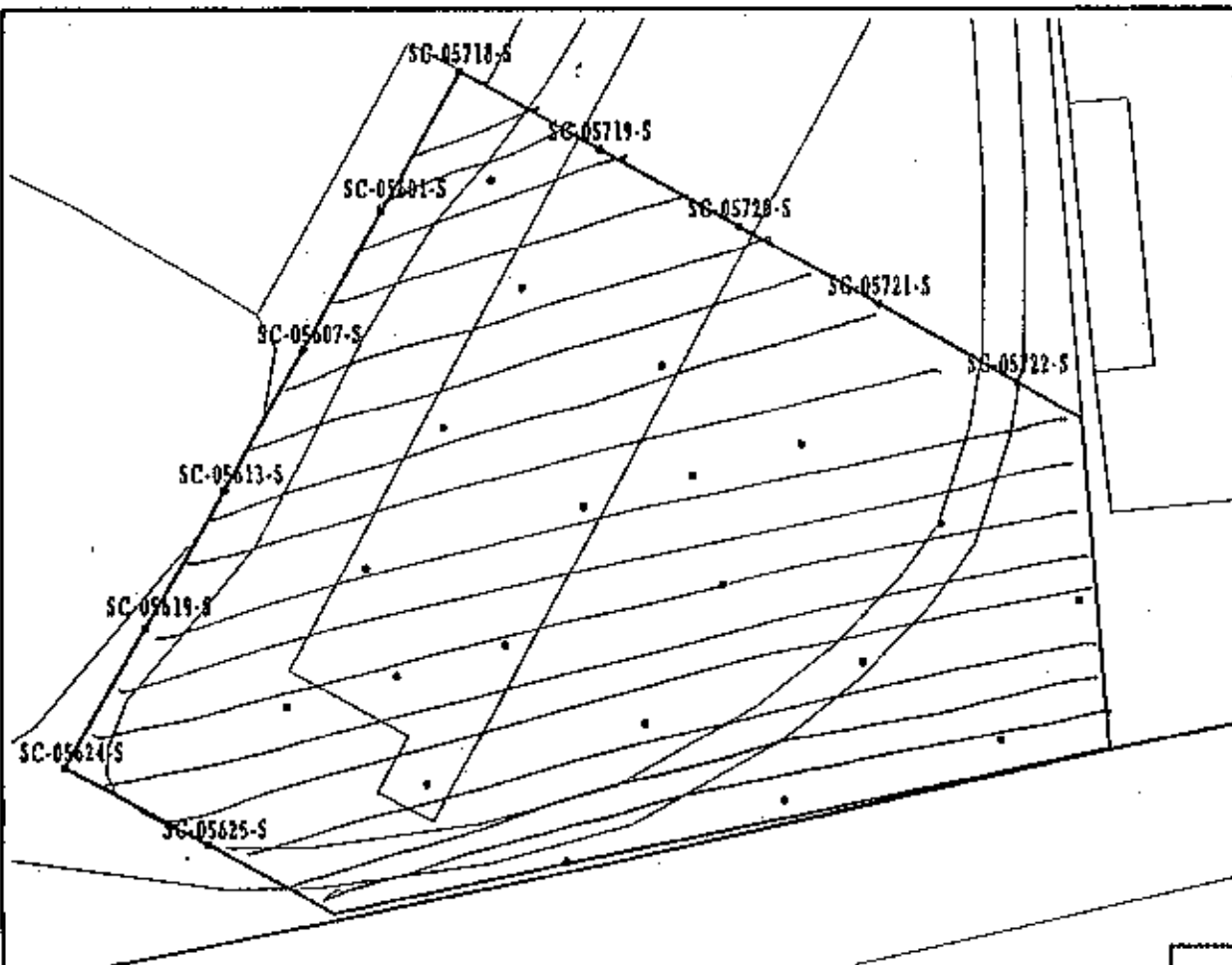
9-18-90 : T. Buteloff and L. Hages  
 Surveyed: all areas west of the trench including the trenches and steep slopes. The toluene contaminated area was not surveyed. Meter #s 4331 / 2172 and detectors 4240 F / 4327 I were used. Background of the instruments were 11,500 cpm and 12,000 cpm and all areas surveyed were found to be  $< 1.5$  times background. Meter cal. dates were 2-7-97 and 3-13-97 and detector cal. dates were 4-12-97 and 4-3-97.

|  |                                  |
|--|----------------------------------|
| Meter Model#: 2221   | Detector Model#: 44-10           |
| Meter Serial#: 3575/4741 <sup>20E</sup>  | Detector Serial#: 10210/4534 N   |
| Calibration Due: 11/14/96 / 6-27-97  | Calibration Due: 7/1/96 / 7/1/97 |
| Survey Date/Time: 1900-2000 / 9-18-90  | Field Bkg: 11200 / 10,000        |
| Surveyor(s): B. McCLAVE, J. Gayer, Thukaric  |                                  |
| Comments: All areas except trenches & steep slopes were surveyed & found to be $< 1.5 \times$ Bkg. except an area immediately adjacent the chem. contaminated area roped off in the N. central region. |                                  |

# Radiation Survey Form WP 420, RU007CU055

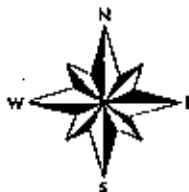


# Radiation Survey Form WP 420, RU007CU056



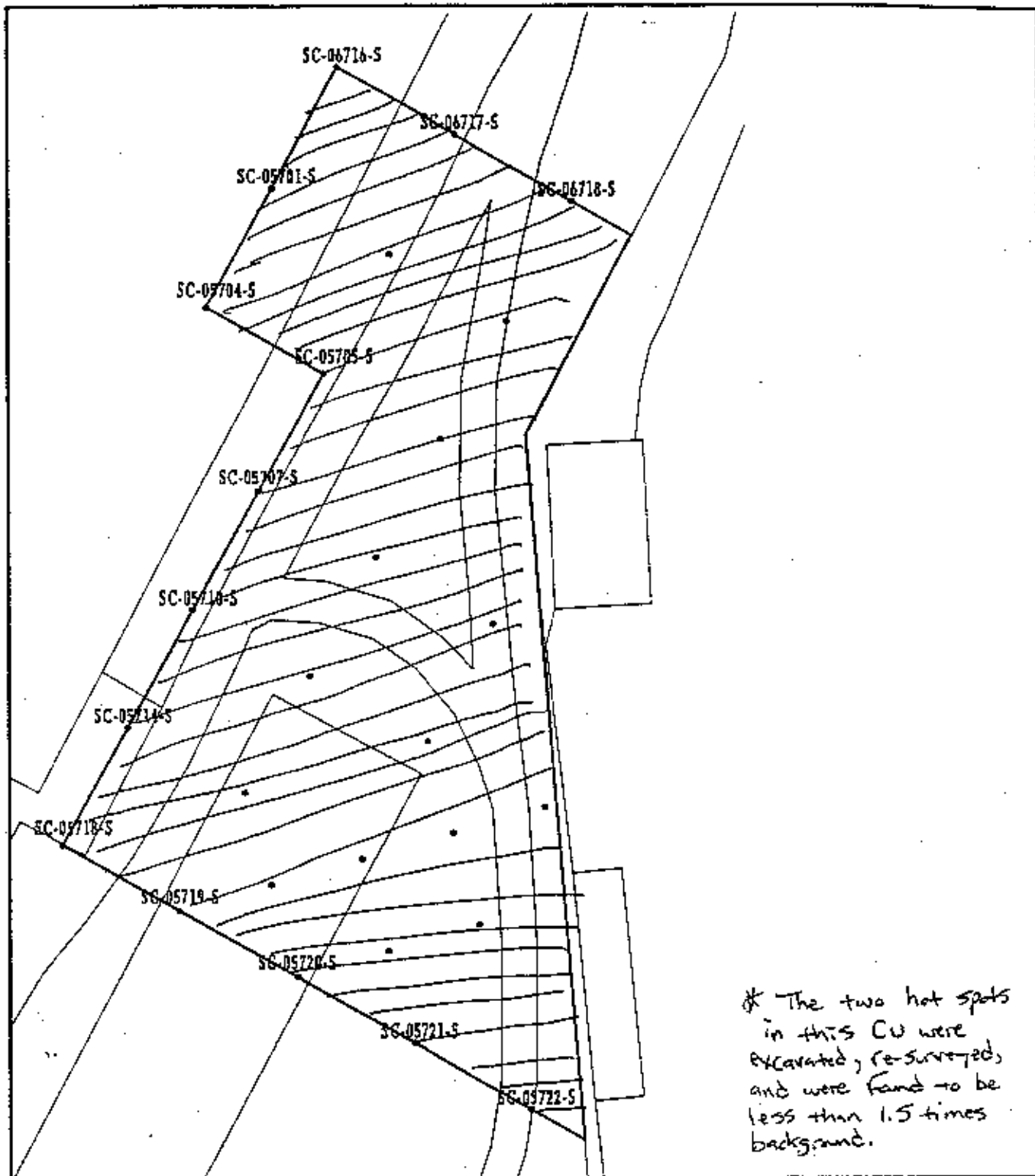
10 5 0 10 METERS

30 15 0 30 FEET



\* Hot spots in this CU were remmed, re-surveyed, and found to be less than 1.5 times background. Additionally, the two locations under water had been surveyed before water was present, and KPA samples of existing water were performed and found to be acceptable.

|   |                                   |
|---|-----------------------------------|
| Meter Model#: 44-10   | Detector Model#: 2x2 NaI          |
| Meter Serial#: 127252   | Detector Serial#: 122008-X        |
| Calibration Due: 3-11-97  | Calibration Due: 4-3-97           |
| Survey Date/Time: 8-21-96 0900-1100   | Field Bkg: 12,000 cpm / 5,000 cpm |
| Surveyor(s): T. Butzlaff / L. Hagass  |                                   |
| Comments: The above area was surveyed and was found to be less than 1.5 times background. |                                   |



\* The two hot spots  
in this CU were  
excavated, re-surveyed,  
and were found to be  
less than 1.5 times  
background.

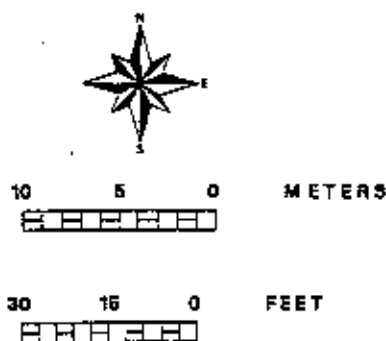
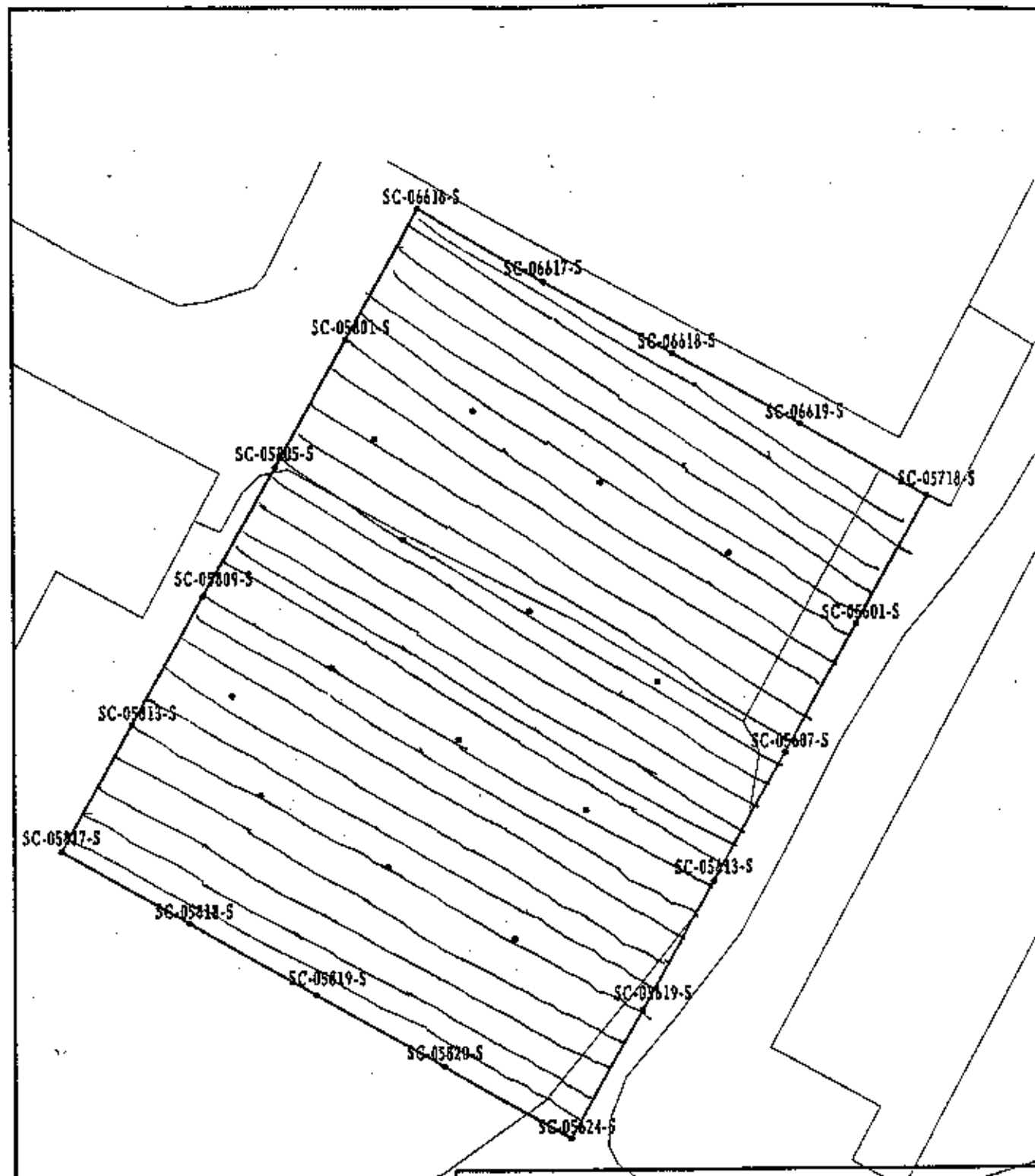


10 5 0 METERS

30 15 0 FEET

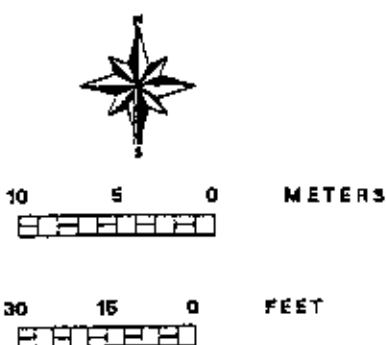
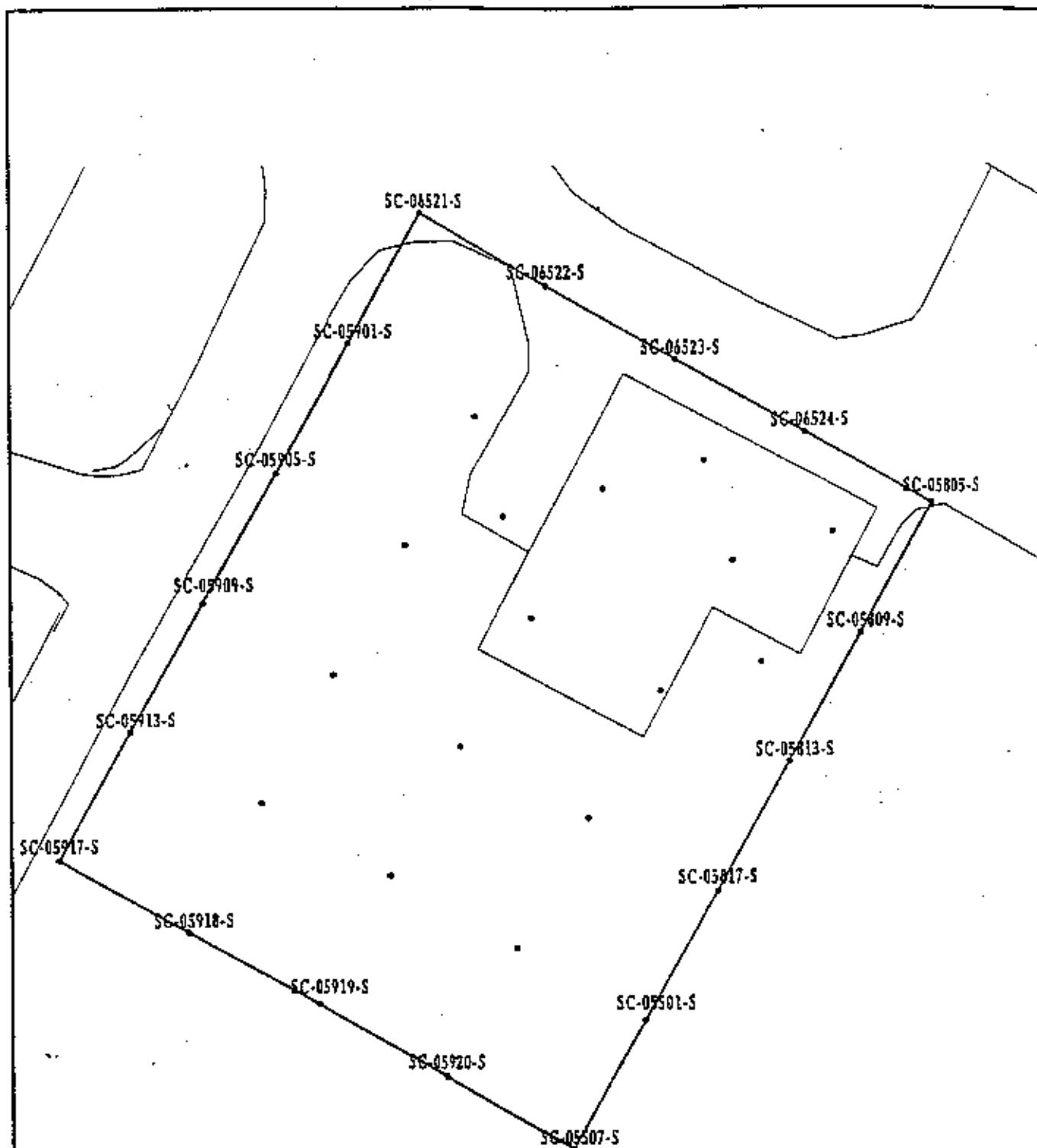
|                   |   |                   |                     |
|-------------------|---|-------------------|---------------------|
| Meter Model#:     | 44-10   | Detector Model#:  | 2x2 NaI             |
| Meter Serial#:    | 127252  | Detector Serial#: | 122408-I            |
| Calibration Due:  | 3-26-97   | Calibration Due:  | 4-3-97              |
| Survey Date/Time: | 8-21-96 0830-0900   | Field Rtg.:       | 12,000cpm / 5000cpm |
| Surveyor(s):      | T. Butzlaff / L. Hagos  |                   |                     |
| Comments:         | The above area was surveyed and<br>was found to be less than 1.5 times<br>background. |                   |                     |

# Radiation Survey Form WP 420, RU007CU058



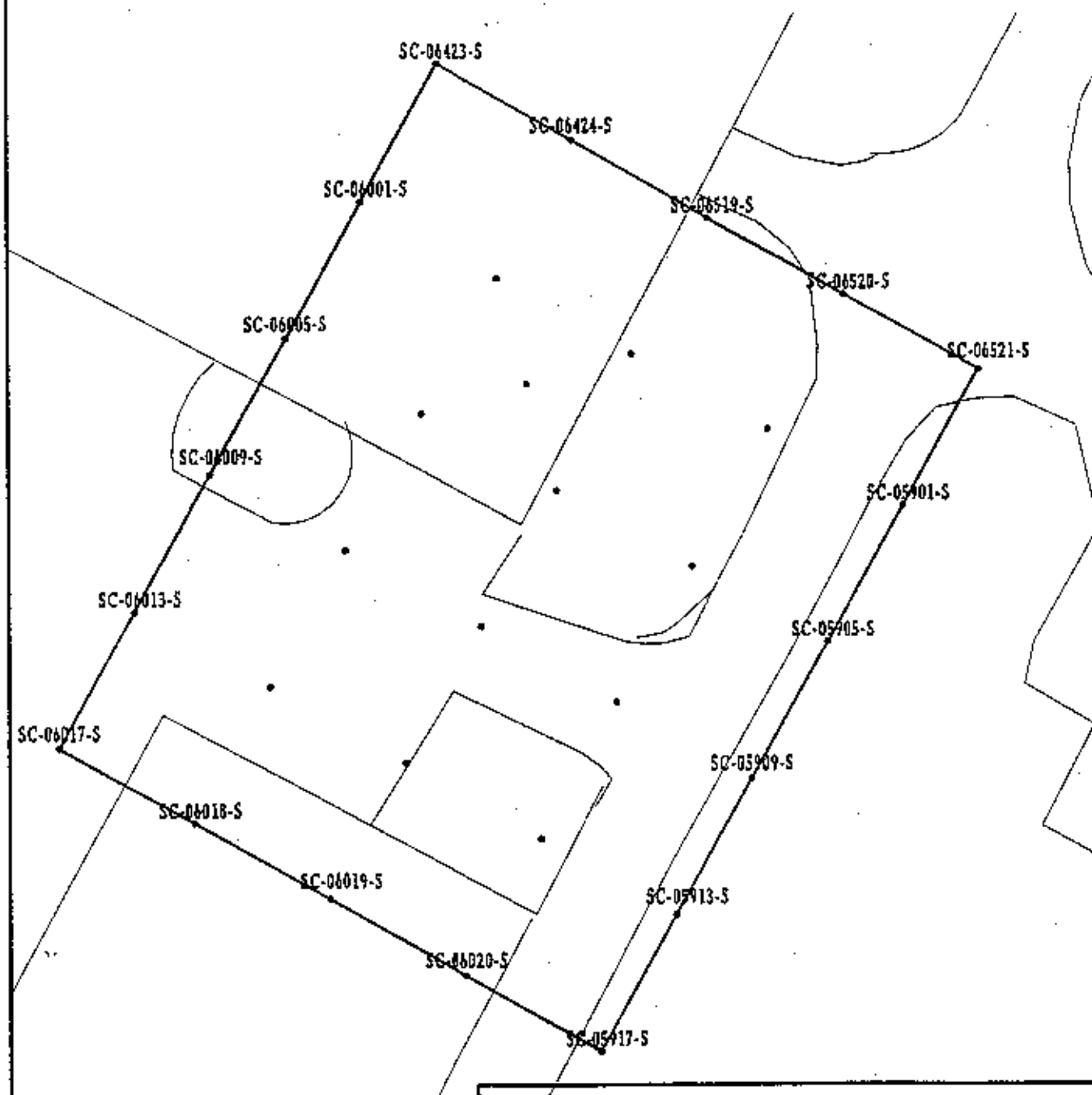
Meter Model#: 44-10 Detector Model#: 212 NaI  
 Meter Serial#: 89636 Detector Serial#: 4241-0 (Shaded)  
 Calibration Due: 3-13-97 Calibration Due: 8-25-96  
 Survey Date/Time: 3-6-97 Field Bkg: 12000 cpm / 4700 cpm  
 Surveyor(s): L. Hagoss / T. Butzloff  
 Comments: The above area was surveyed  
and was less than 1.5X back  
ground

# Radiation Survey Form WP 420, RU007CU059



Meter Model#: 44-10 Detector Model#: 2x2 NaI  
 Meter Serial#: 127252 Detector Serial#: 122408-I  
 Calibration Due: 3-6-97 Calibration Due: 4-3-97  
 Survey Date/Time: 8-23-96 <sup>0900-1300</sup> Field Bkg: 12,000 cpm / 5,000 cpm  
 Surveyor(s): T. Butzloff / L. Hagoss  
 Comments: The above area was surveyed and  
was found to be less than 1.5 times  
background.

# Radiation Survey Form WP 420, RU007CU060

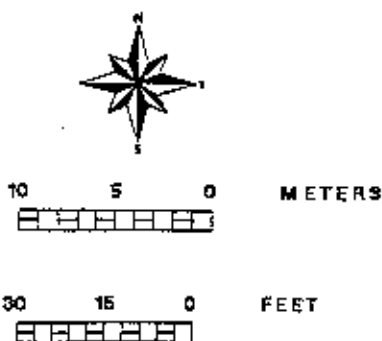
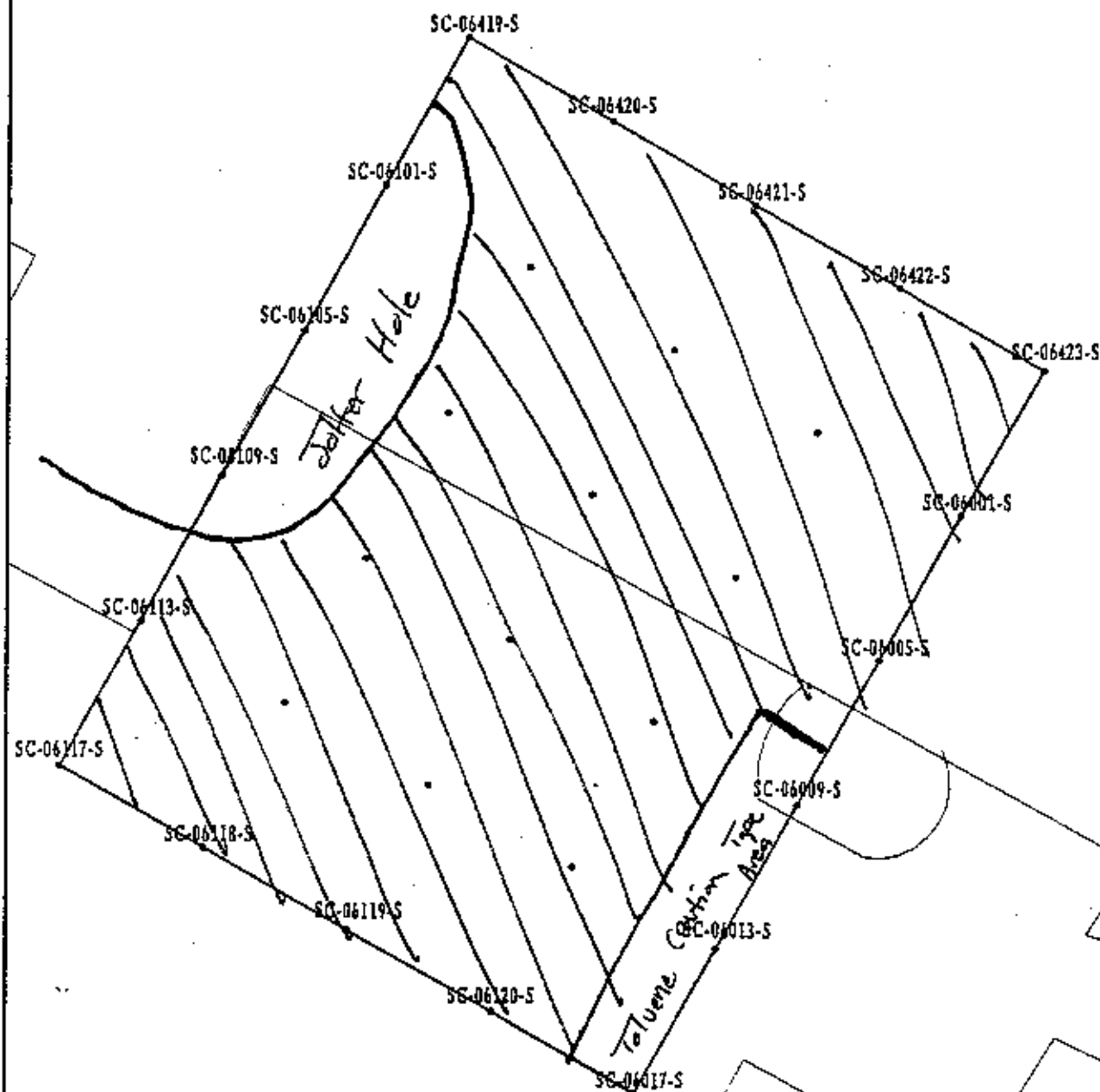


10 5 0 METERS

30 15 0 FEET

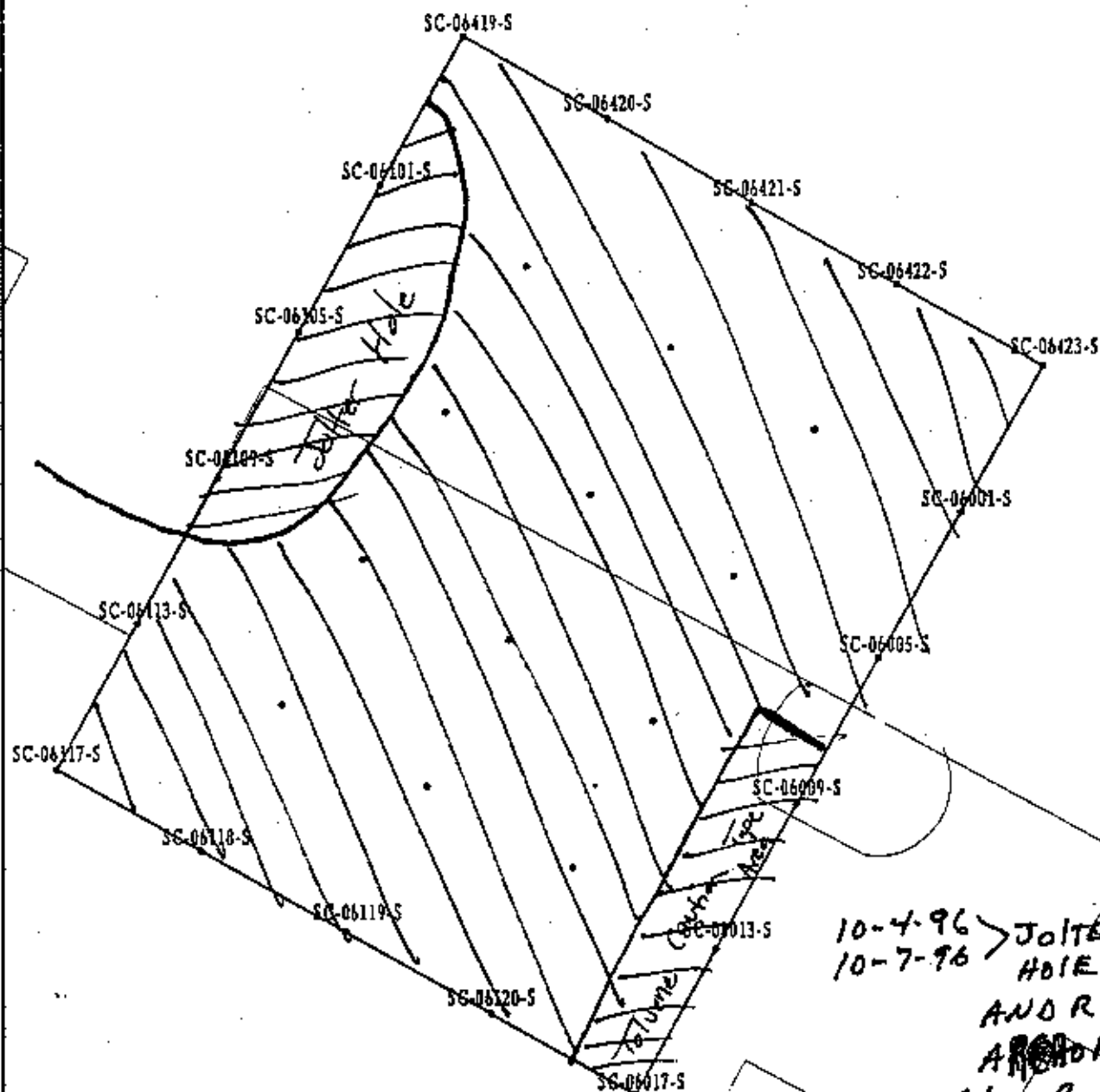
|                   |   |                   |                     |
|-------------------|---|-------------------|---------------------|
| Meter Model#:     | 44-10   | Detector Model#:  | 242 NaI             |
| Meter Serial#:    | 2172, 3575  | Detector Serial#: | 4377-I<br>1429-D    |
| Calibration Due:  | 3-6-97, 2-7-97  | Calibration Due:  | 4-3-97, 7-11-97     |
| Survey Date/Time: | 10-11-96 0900-1050  | Field Bkg.:       | 11,000 / 10,000 cpm |
| Surveyor(s):      | T. Lukezie / T. Butzloff  |                   |                     |
| Comments:         | The above area was surveyed and found to be less than 1.5 times background. |                   |                     |

# Radiation Survey Form WP 420, RU007CU061



Meter Model#: 44-10 Detector Model#: 2x2 NaI  
 Meter Serial#: 121252, 104701 Detector Serial#: 122408-I  
 Calibration Due: 3-12-97, 2-7-97 Calibration Due: 4-3-97, 7-1-97  
 Survey Date/Time: 9-25-96 1245-1430 Field Bkg.: 10,500cpm / 9,100cpm  
 Surveyor(s): T. Butzke / J. Lukasz  
 Comments: The above marked area was surveyed and found to be less than 1.5 times background.

## Radiation Survey Form WP 420, RU007CU061



10-4-96 > JOLTER  
10-7-96 HOLE CLEARED  
AND ROPE OF  
AREA OF TOWNE  
A/50, ROADWAY USE



## METERS

| Age Group | Percentage |
|-----------|------------|
| 18-24     | 10         |
| 25-34     | 15         |
| 35-44     | 15         |
| 45-54     | 10         |
| 55-64     | 5          |
| 65-74     | 5          |
| 75-84     | 5          |
| 85+       | 5          |

FEET

Meter Model#: 44-10

Detector Model#: 2x2 NaI

Master Serial#: 127252, 106701

Detector Serial#: 035449-12

Calibration Due: 3-6-97, 2-7-97

Calibration Due: 4-3-97, 7-1-97

Survey Date/Time: 7-25-96 1245-1430

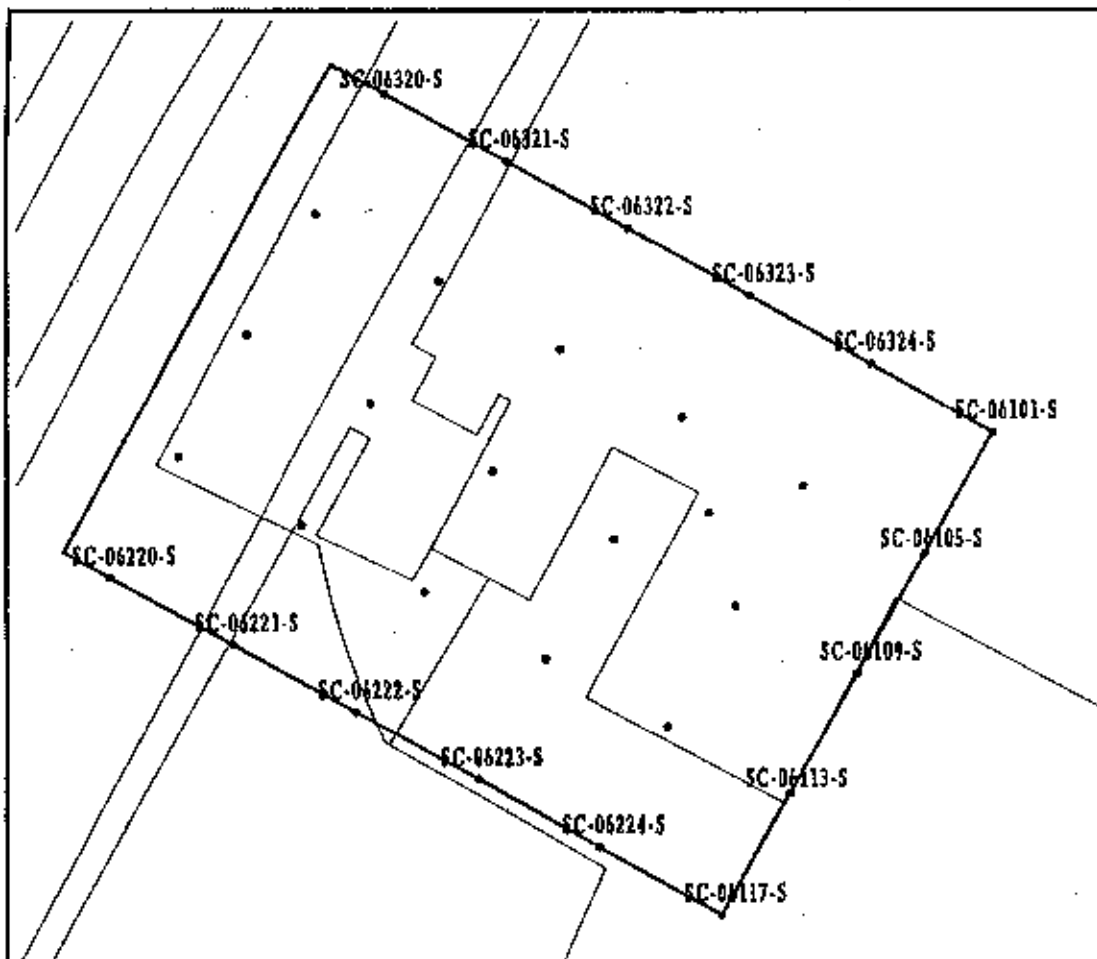
Field Bkg.: 10,500 cpm / 9,100 cpm

Surveyor(s): 1. Butzlaff / J. Lukezic

Comments: The above marked area was surveyed and found to be less than 1.5 times background.

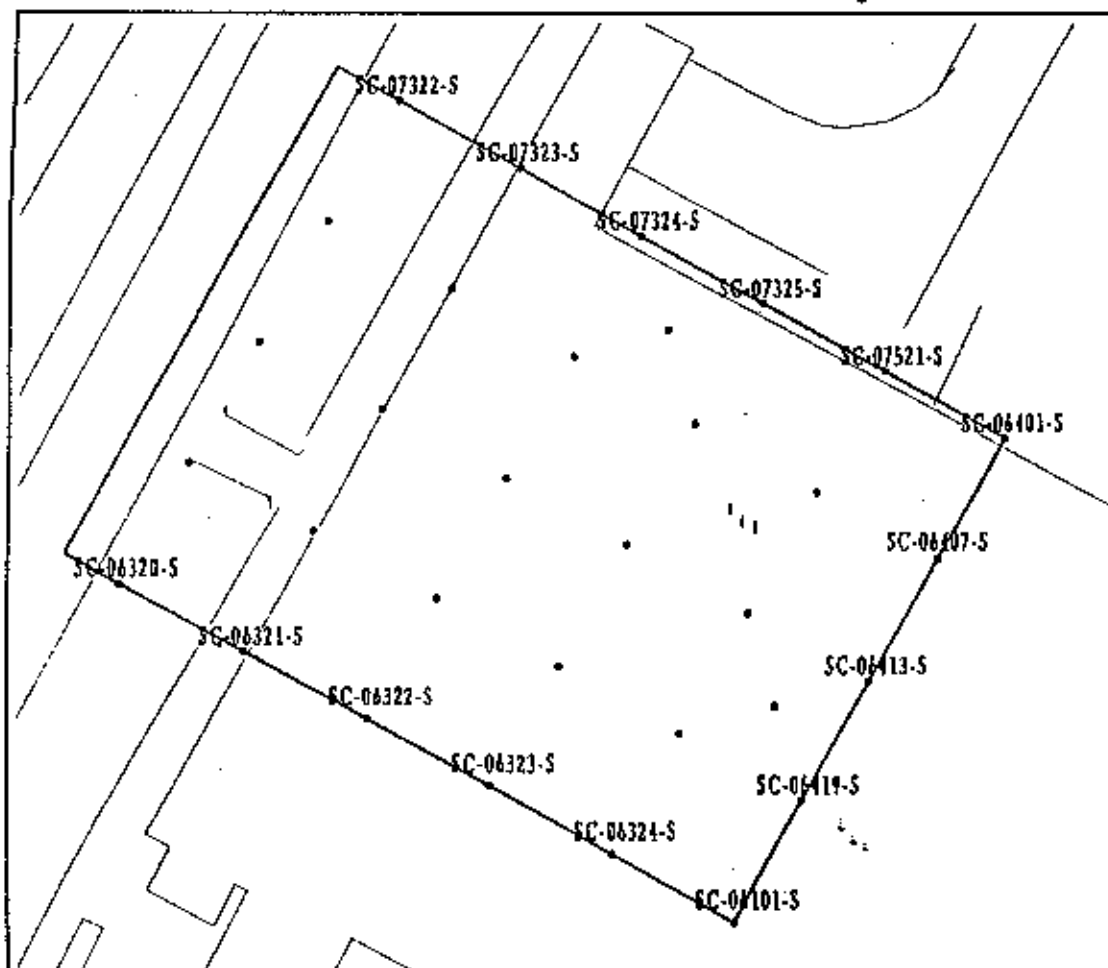
BY HAND  
TRUCKS  
WAS  
CIGARE  
TOO  
BUTZAF  
BRET

# Radiation Survey Form WP 420, RU007CU062



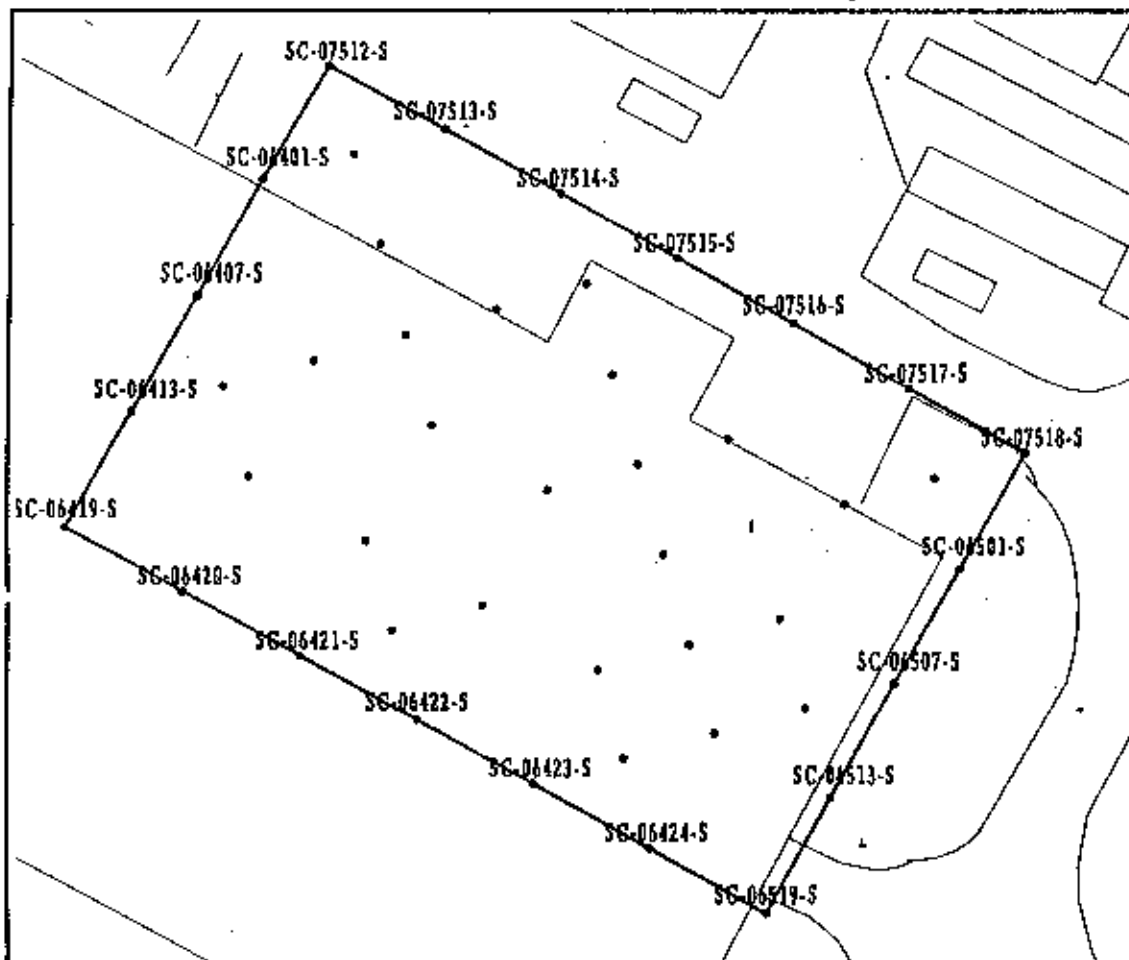
Meter Model#: 44-10 Detector Model#: 2x2 NaI  
 Meter Serial#: 4331 / 106701 Detector Serial#: 4240-F  
 Calibration Due: 2-7-97 / 2-7-97 Calibration Due: 4-12-97 / 4-3-97  
 Survey Date/Time: 10-8-96 0800-0940 Field Bkg.: 10,500 / 11,000 spm  
 Surveyor(s): T. Butzke / T. Lukezic  
 Comments: The above area was surveyed and found to be less than 1.5 times background.

# Radiation Survey Form WP 420, RU007CU063



Meter Model#: 44-10 Detector Model#: 2A2 NaI  
 Meter Serial#: 127252 Detector Serial#: 122608-I  
 Calibration Due: 3-6-97 Calibration Due: 4-3-97  
 Survey Date/Time: 9-19-96 (1300-1400) Field Bkg: 12600 cpm  
 Surveyor(s): L. Hagoss & Tony Lukezie  
 Comments: The above area was surveyed  
and was less than 1.5 X back  
ground. Also meter "D" was used  
in preliminary and final walk-over survey.

# Radiation Survey Form WP 420, RU007CU064



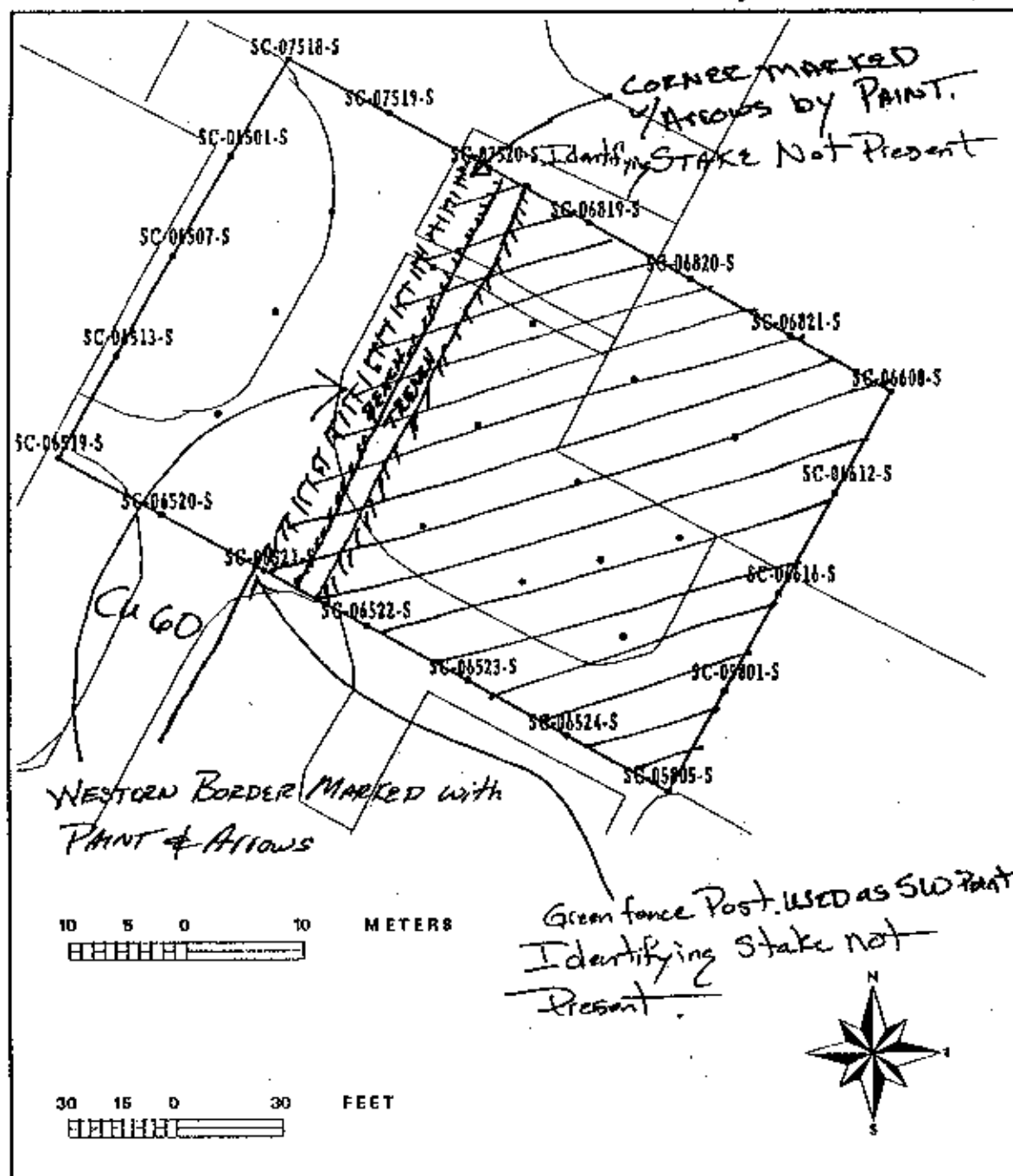
10 5 0 10 METERS

30 15 0 30 FEET



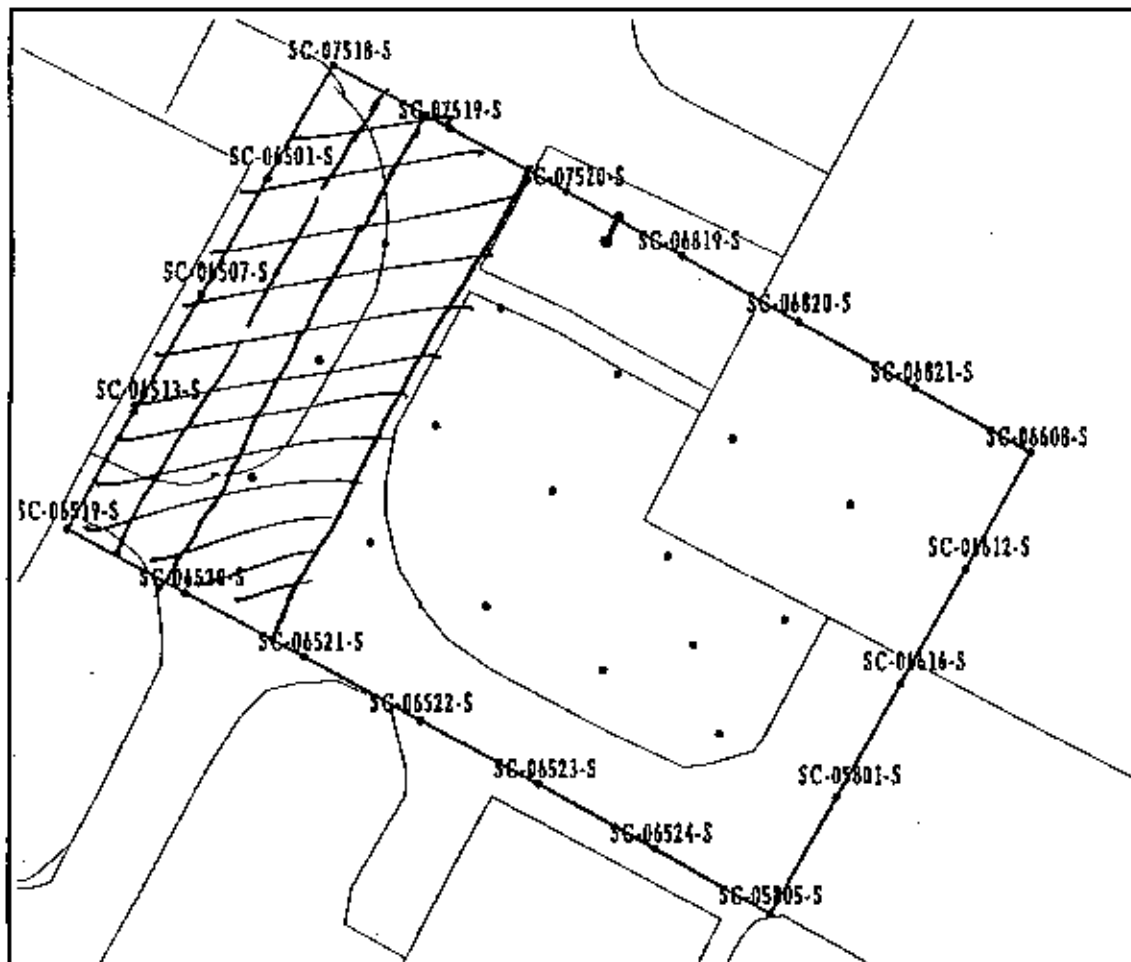
Meter Model#: 44-10 Detector Model#: 2x2 NaI  
 Meter Serial#: 125433 Detector Serial#: 4240-F  
 Calibration Due: 2-7-97 Calibration Due: 6-12-97  
 Survey Date/Time: 9-19-96 0930-1400 Field Bkg.: 11,900 cpm  
 Surveyor(s): L. Butzloff  
 Comments: The above area was surveyed and was found to be less than 1.5 times background.

# Radiation Survey Form WP 420, RU007CU065



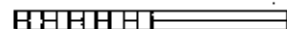
|   |                          |
|---|--------------------------|
| Meter Model#: 2221  | Detector Model#: 94-10   |
| Meter Serial#: 231-on 4536  | Detector Serial#: 4327-I |
| Calibration Due: 3-6-97   | Calibration Due: 4-3-97  |
| Survey Date/Time: 8-27/28-96: 1800-020  | Field Bkg: 1200          |
| Surveyor(s): B. McClure, J. Gayer, F. Alguilera, K. Hally   |                          |
| Comments: All areas designated by diagonal lines were surveyed & found to be $\pm 1.5X$ Background. |                          |

# Radiation Survey Form WP 420, RU007CU065

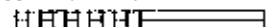


WEST PARTIAL CU 065

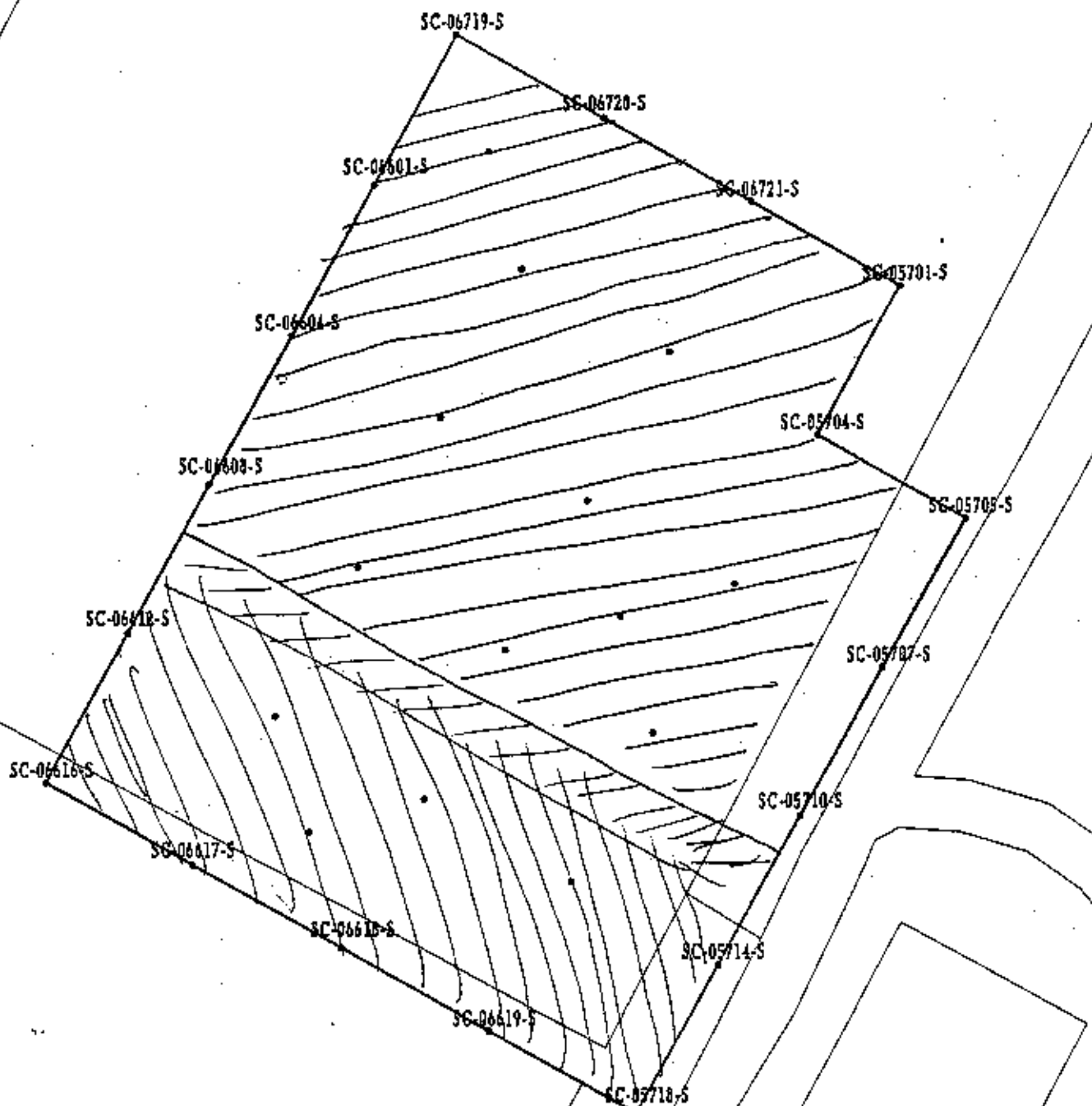
10 5 0 10 METERS



30 15 0 30 FEET



Meter Model#: 2221 Detector Model#: 44-10  
 Meter Serial#: 4536 Detector Serial#: 432F-I  
 Calibration Due: 3-6-97 Calibration Due: 4-3-97  
 Survey Date/Time: 9-5-96 1300 Field Skp.: 1200  
 Surveyor(s): L. HAGGESS TO T. L. KAZI'S  
 Comments: ALL AREAS MARKED BY  
 DIAGONAL LINES WERE SURVEYED  
 AND FOUND TO BE  $\leq 1.5$  X BKGD.

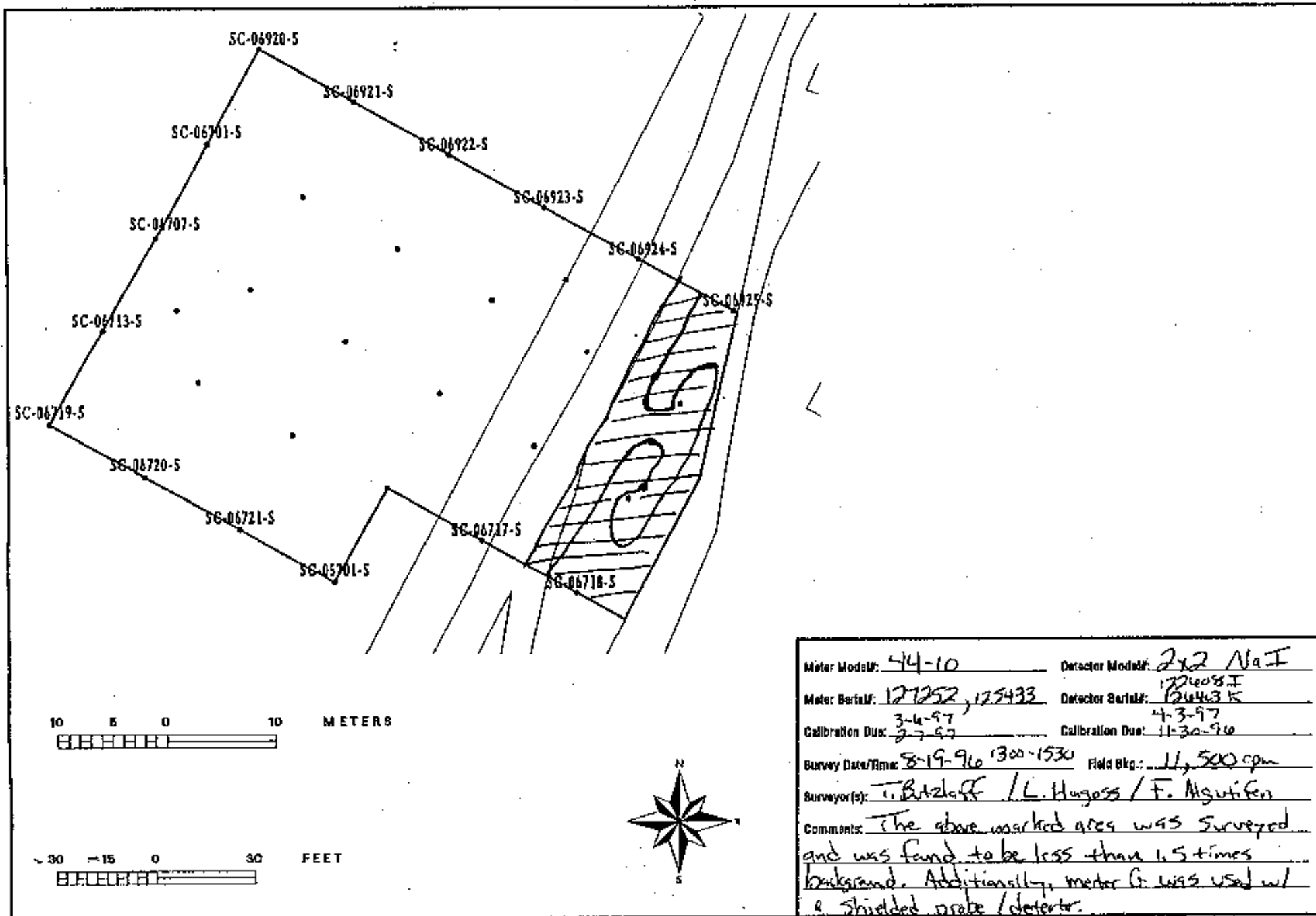


10 5 0 METERS

30 15 0 FEET

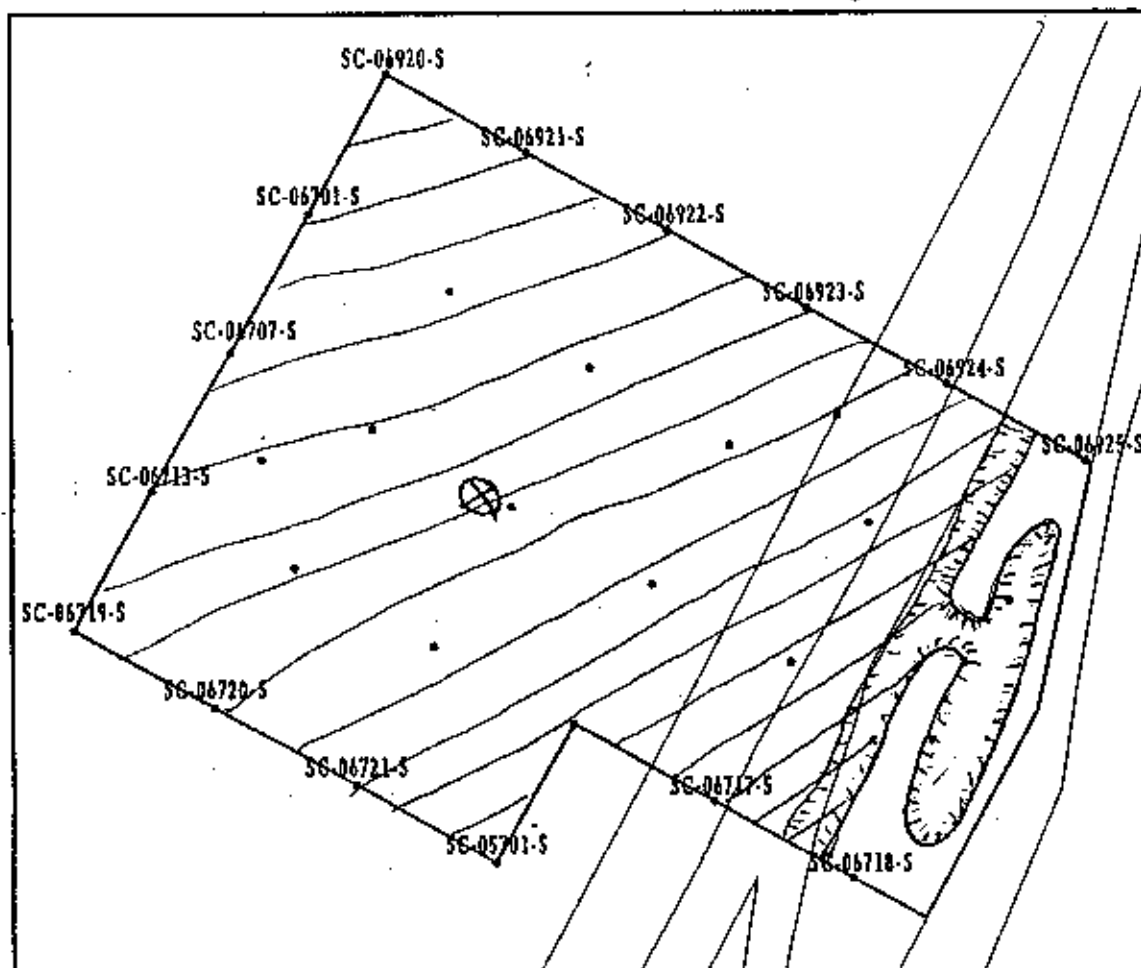
|  |  |
|--|--|
| Meter Model#: <u>44-10</u>                   | Detector Model#: <u>NaI 2x2</u>          |
| Meter Serial#: <u>8436</u>                   | Detector Serial#: <u>4241-6 (Shield)</u> |
| Calibration Due: <u>3-13-97</u>              | Calibration Due: <u>8-25-96</u>          |
| Survey Date/Time: <u>3-6-97</u>              | Field Bkg.: <u>12000 cpm/5000 cpm</u>    |
| Surveyor(s): <u>L. Haffner / T. Butzloff</u> |  |
| Comments: <u>The above area was</u>          |  |
| <u>surveyed and was found less</u>           |  |
| <u>than 1.5X back-ground.</u>                |  |

# Radiation Survey Form WP 420, RU007CU067

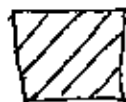


|   |                            |
|---|----------------------------|
| Meter Model#: 44-10   | Detector Model#: 2x2 NaI   |
| Meter Serial#: 121252, 125433   | Detector Serial#: 172608 I |
| Calibration Due: 3-6-97   | Calibration Due: 4-3-97    |
| Survey Date/Time: 8-19-96 1300-1530   | Field Bkg.: 11,500 cpm     |
| Surveyor(s): T. Butzloff / L. Hugoss / F. Agutifen  |                            |
| Comments: The above marked area was surveyed and was found to be less than 1.5 times background. Additionally, meter G was used w/ a shielded probe/detector. |                            |

# Radiation Survey Form WP 420, RU007CU067

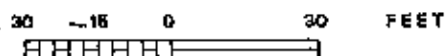


METERS



AREA  
CONFIRMED

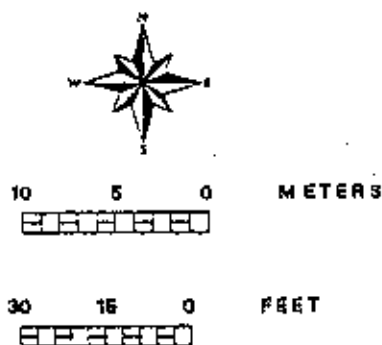
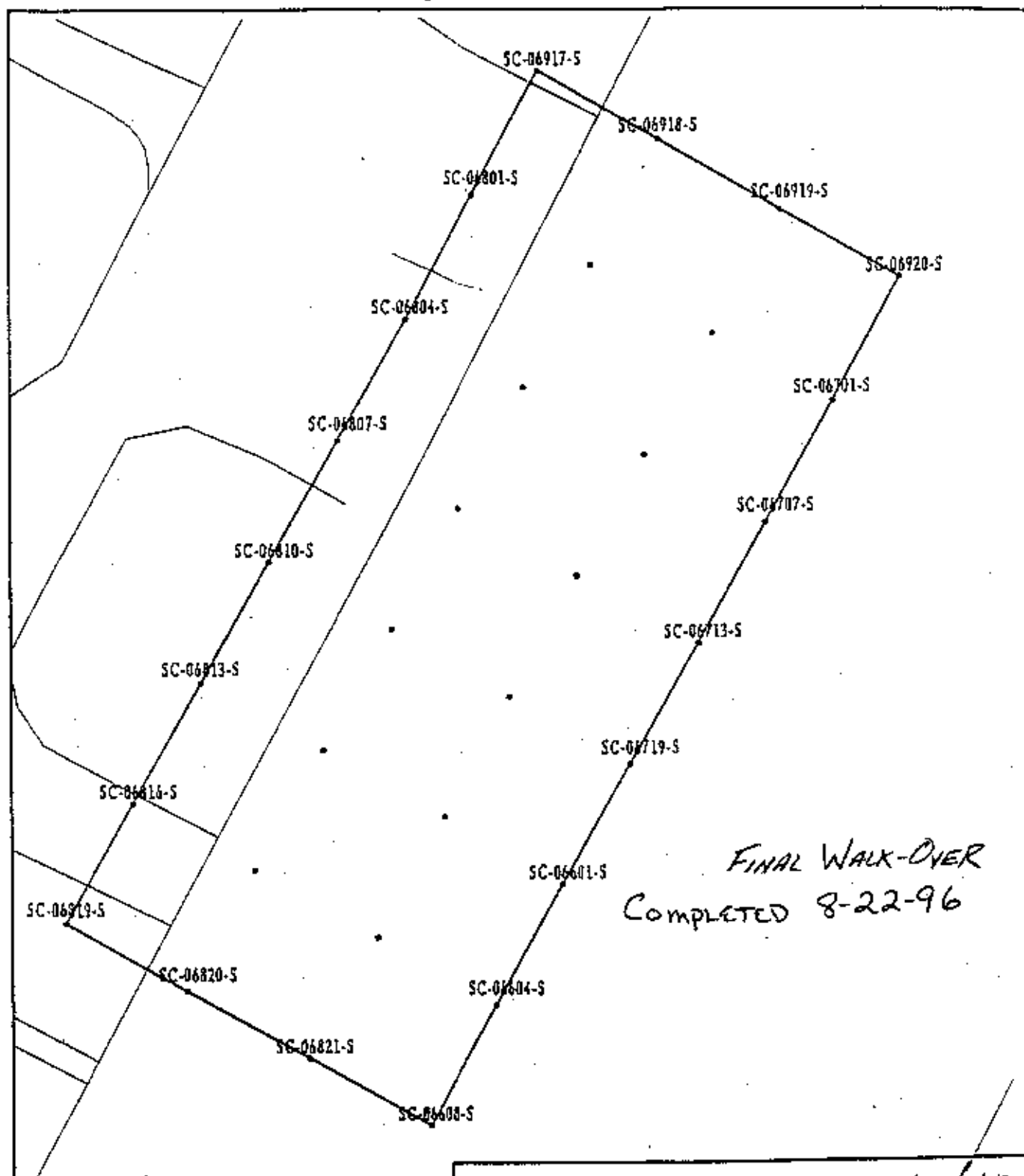
⊗ HOT SPOT  
TO BE CONFIRMED  
LATER



FEET

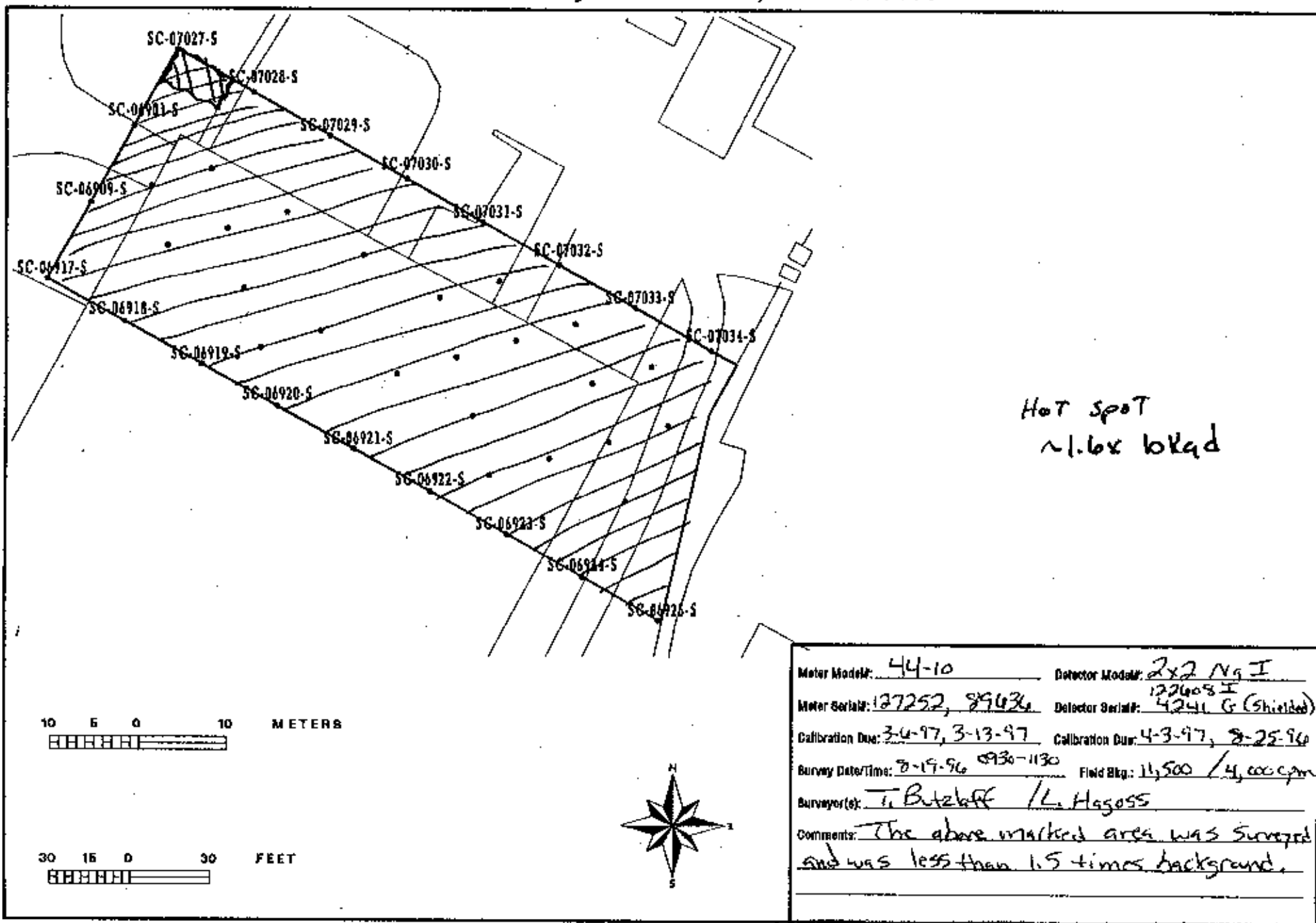
|   |                          |
|---|--------------------------|
| Meter Model#: 2221  | Detector Model#: 44-10   |
| Meter Serial#: 4331   | Detector Serial#: 4330-K |
| 4536  | 4327-E                   |
| 2-7-97  | 30 NOV 96                |
| Calibration Due: 3-6-97   | Calibration Due: 4-3-97  |
| Survey Date/Time: 08-16-96/1900   | Field Bkg: 12,000        |
| Surveyor(s): B. McClane, J. Geyer, F. Albuten   |                          |
| Comments: HOT SPOTS WAS EXCAVATED<br>AND CLEARED AND CONFIRMED<br>WAS LESS THAN 1.5 TIMES<br>BACKGROUND |                          |

# Radiation Survey Form WP 420, RU007CU068



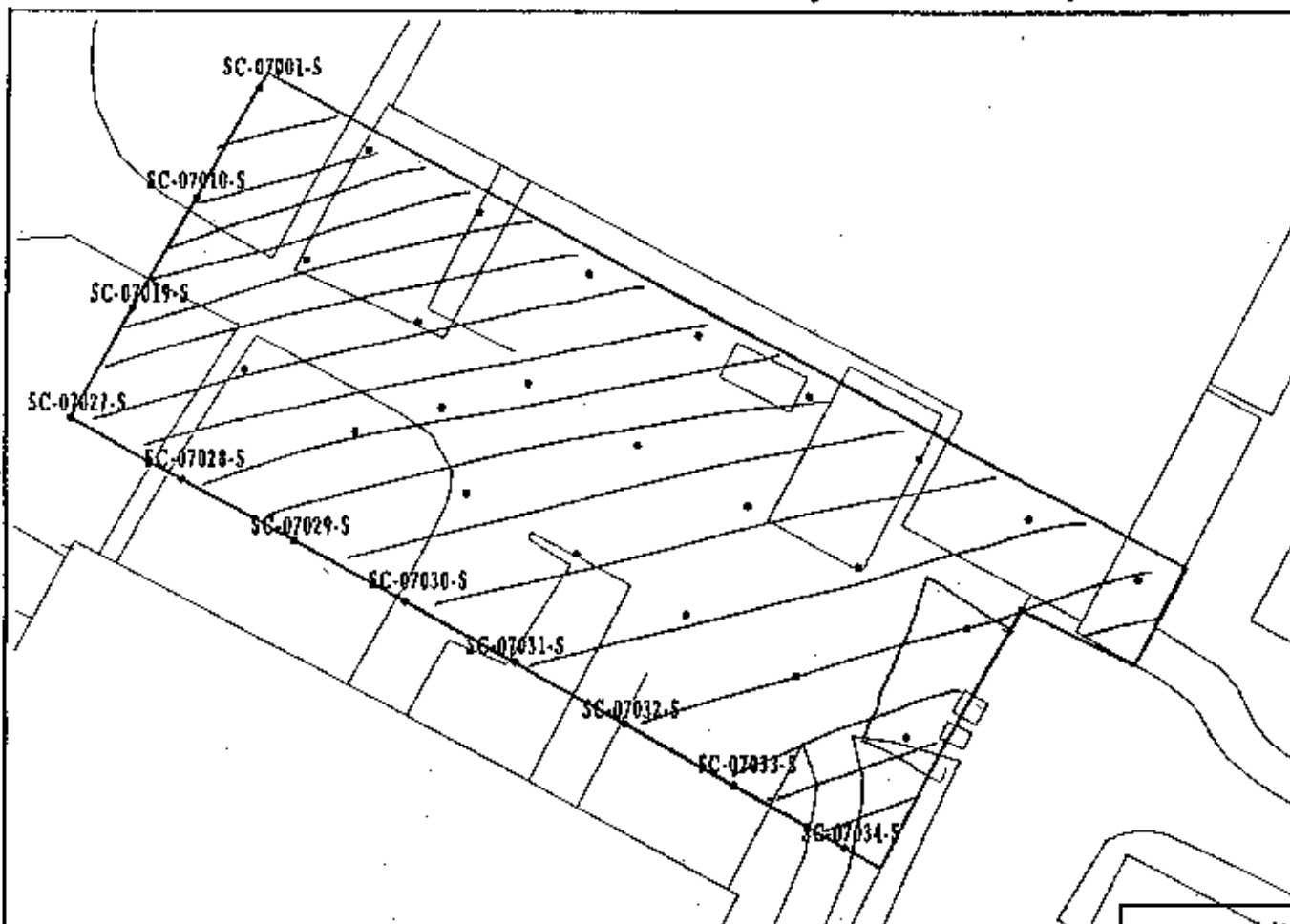
|  |  |
|--|--|
| Meter Model#: <u>2221</u>  | Detector Model#: <u>44-10/44-10SK</u>  |
| Meter Serial#: <u>4536/4331</u>  | Detector Serial#: <u>4327/4240</u>     |
| Calibration Due: <u>3-6-97/2-7-97</u>  | Calibration Due: <u>4-3-97/6-12-97</u> |
| Survey Date/Time: <u>8-22-96/1800-2400</u>   | Field Bkg.: <u>12,000</u>              |
| Surveyor(s): <u>B. McClure, J. Geyer, K. Hapley</u>  |  |
| Comments: <u>The above marked area was surveyed &amp; all areas were less than 1.5 times background.</u> |  |

# Radiation Survey Form WP 420, RU007CU069



Meter Model#: 44-10 Detector Model#: 2x2 NaI  
 Meter Serial#: 127252, 89436 Detector Serial#: 122608 I  
 Calibration Due: 3-4-97, 3-13-97 Calibration Due: 4-3-97, 8-25-96  
 Survey Date/Time: 8-19-96 0930-1130 Field Bkg.: 11,500 / 4,000 cpm  
 Surveyor(s): T. Butzloff / L. Hagoss  
 Comments: The above marked area was surveyed  
and was less than 1.5 times background.

# Radiation Survey Form WP 420, RU007CU070



excluding 40' from  
the fuel tanks

10 5 0 10 METERS

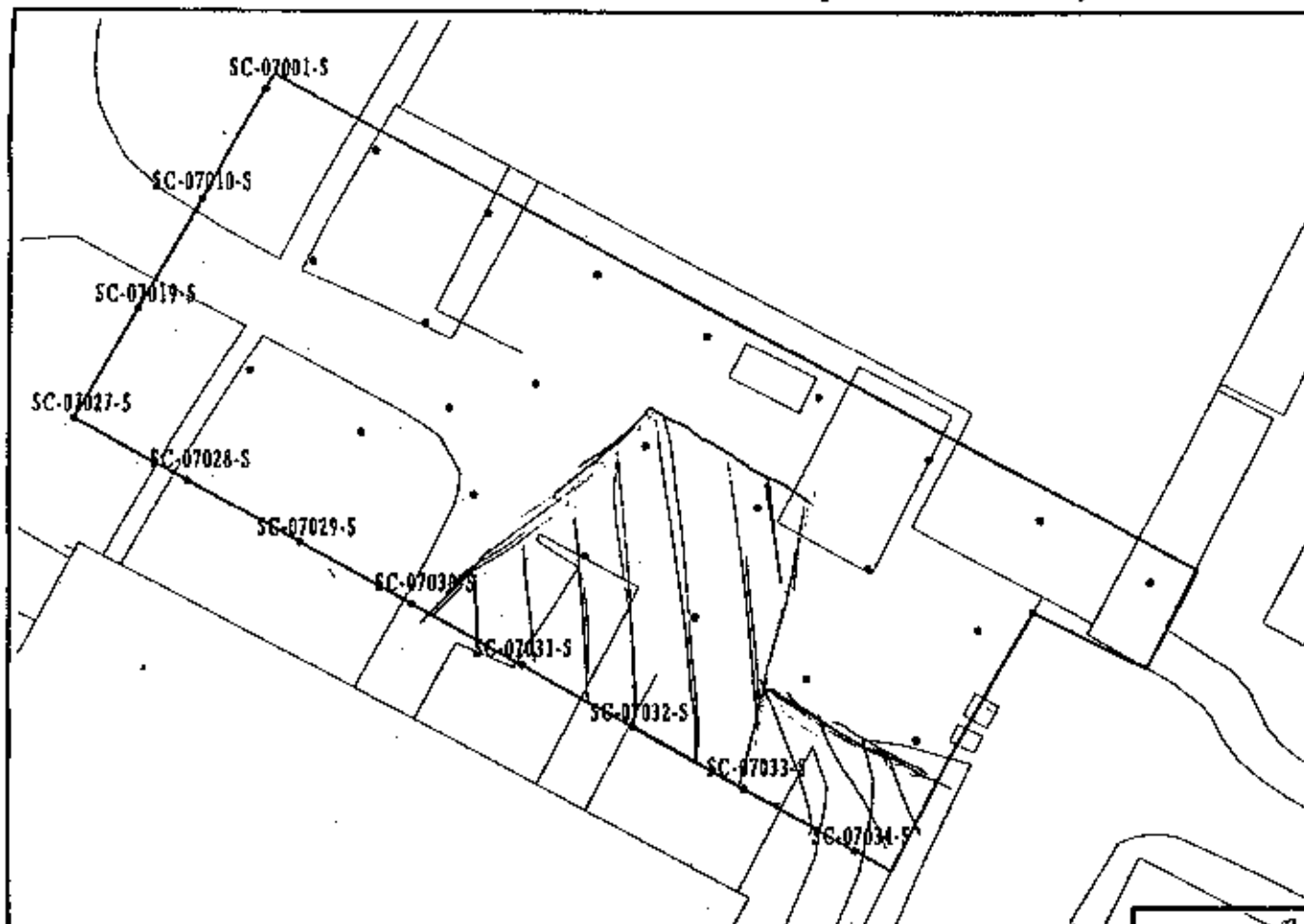
30 15 0 30 FEET



Meter Model#: 44-10  
 Meter Serial#: 127252, 3575  
 Calibration Due: 3-6-97, 11-14-96  
 Survey Date/Time: 9-30-96 0930-1130  
 Surveyor(s): T. Butzloff / L. Hagoss  
 Comments: The above area was surveyed and was found to be less than 1.5 times background.

Detector Model#: 2x2 NaI  
 122408-I (shimmed)  
 Detector Serial#: 1079-D  
 Calibration Due: 4-3-97, 7-11-97  
 Field Bkg: 5,400 / 9,000 cpm

# Radiation Survey Form WP 420, RU007CU070



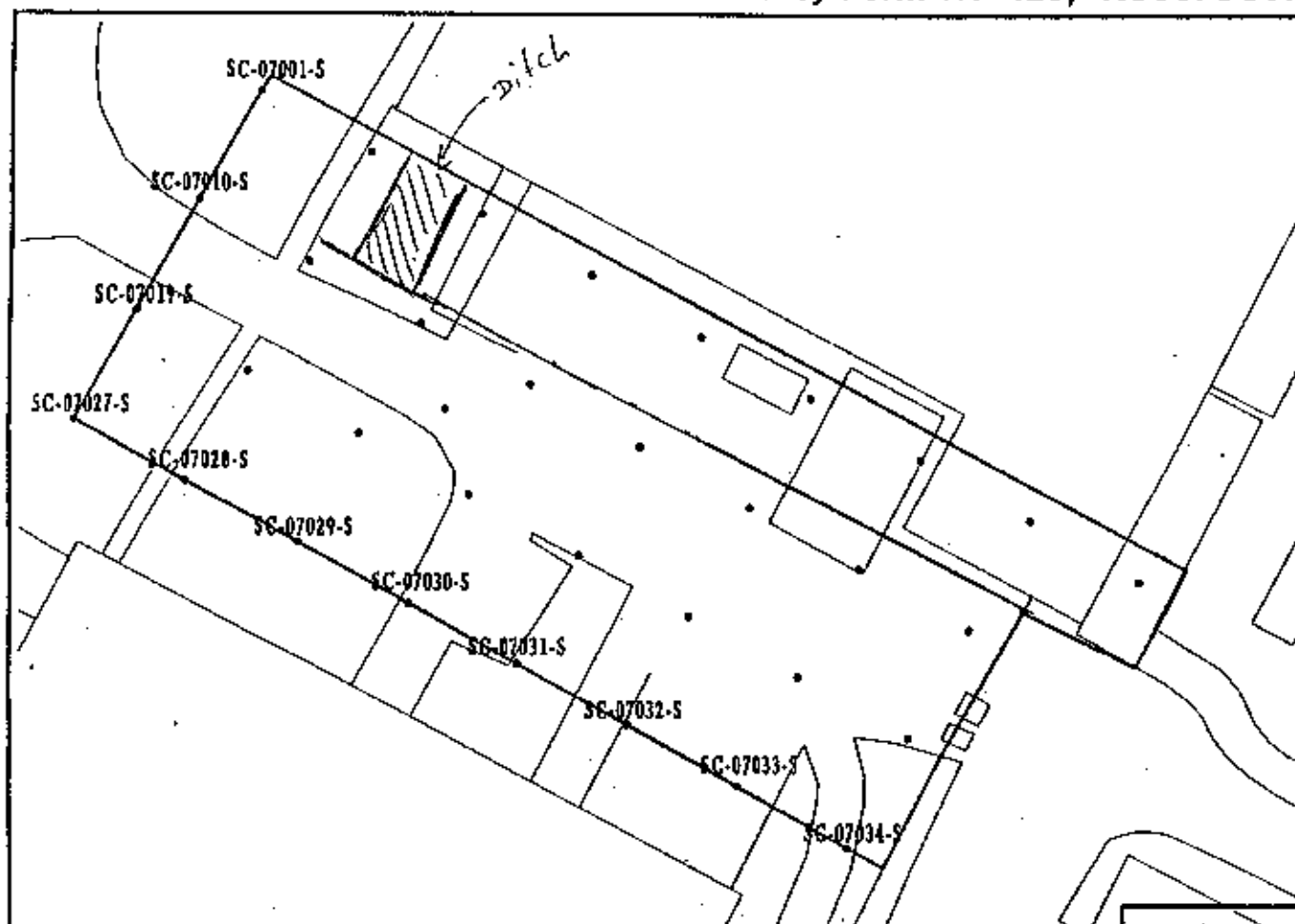
10 5 0 10 METERS

30 15 0 30 FEET



|                   |  |                  |         |
|-------------------|--|------------------|---------|
| Meter Model#      | 2221   | Detector Model#  | 94-10   |
| Meter Serial#     | 3575   | Detector Serial# | 1079 D  |
| Calibration Due:  | 11/14/96   | Calibration Due: | 7/11/97 |
| Survey Date/Time: | 9/19/96 0830-1000  | Field Bkg.:      | 10,300  |
| Surveyor(s):      | J. Fugate  |                  |         |
| Comments:         | Area indicated above was surveyed for Confirmation. All areas surveyed L1.5 X BKGD |                  |         |

# Radiation Survey Form WP 420, RU007CU070



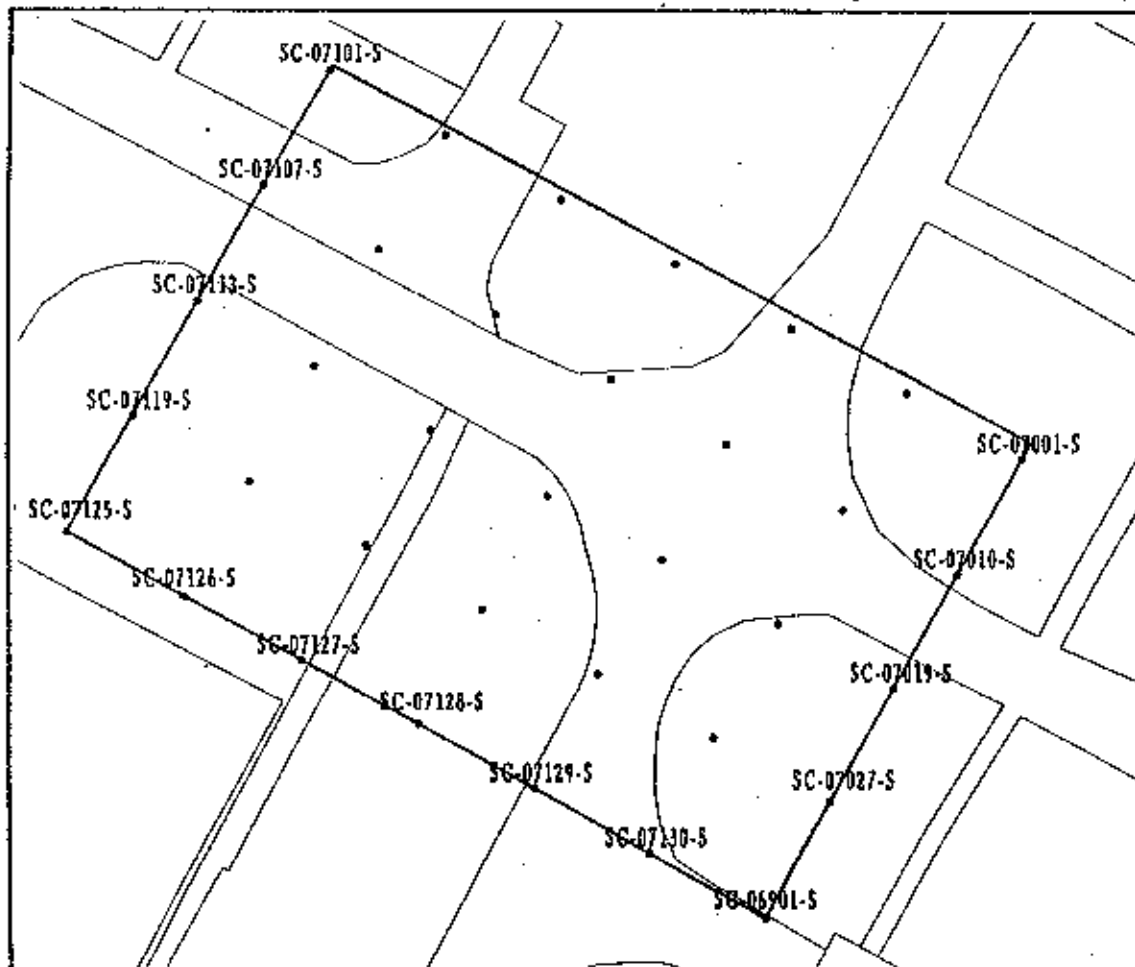
10 5 0 10 METERS

30 15 0 30 FEET



Meter Model: 44-10 Detector Model: 2X2 NaI  
 Meter Serial: 127252 Detector Serial: 122608I  
 Calibration Due: 3-6-97 Calibration Due: 4-3-97  
 Survey Date/Time: 6-4-96 (0700-1600) Field Bkg: 10000 cpm  
 Surveyor(s): Leoni Hagoss, & Johann Geyer  
 Comments: The area indicated was surveyed  
and it was less than 1.5X background  
of the instrument.

# Radiation Survey Form WP 420, RU007CU071



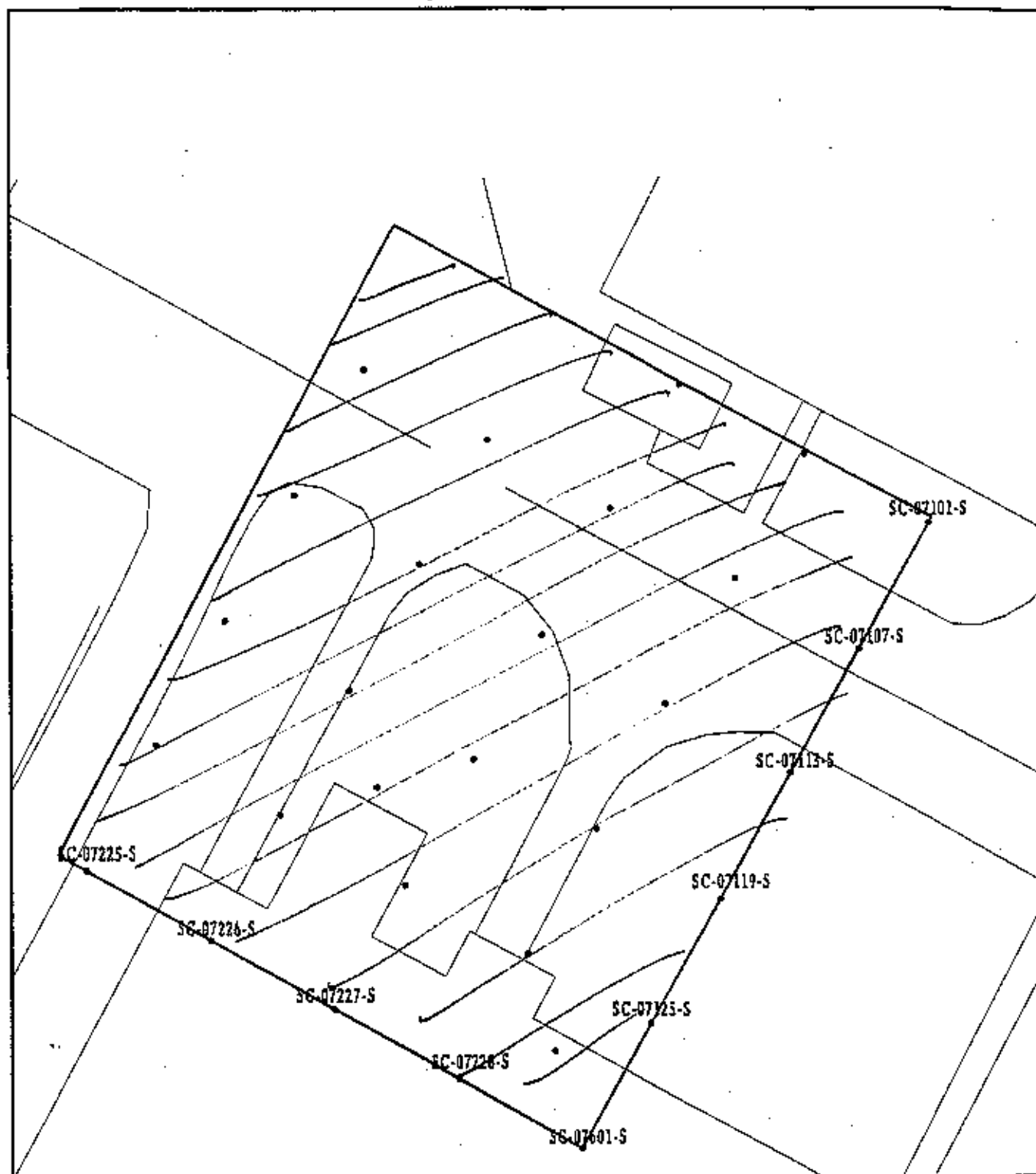
10 5 0 10 METERS

30 15 0 30 FEET



Meter Model#: 44-10 Detector Model#: 2x2 NaI  
 Meter Serial#: 127252, 106701 Detector Serial#: 122408-I  
 Calibration Due: 3-6-97, 2-7-97 Calibration Due: 4-3-97, 7-1-97  
 Survey Date/Time: 10-1-96 1300-1530 Field Bkg.: 11,500 / 9,200 cpm  
 Surveyor(s): T. Butzloff / L. Hagass  
 Comments: The above area was surveyed  
and was found to be less than  
1.5 times background.

# Radiation Survey Form WP 420, RU007CU072



10 5 0 METERS

30 15 0 FEET

Meter Model#: 2221 Detector Model#: 4410

Meter Serial#: 4331/2172 Detector Serial#: 4240F/4327I

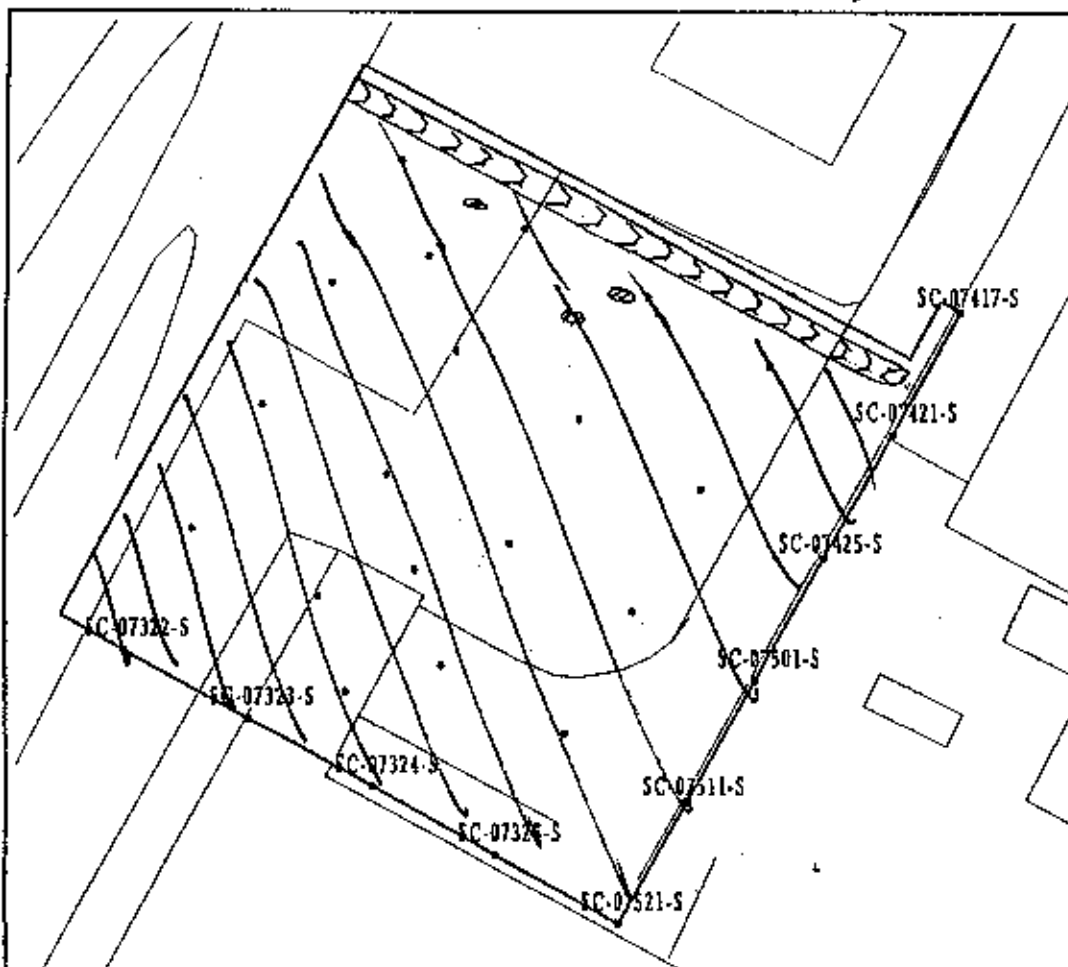
Calibration Due: 2/7/97/3-13-97 Calibration Due: 6-12-97/4-3-97

Survey Date/Time: 10-2-96/1300-1440 Field Bkg.: 11500/5500

Surveyor(s): T. Lukacik, Mike Kohls, Charles Wiseman

Comments: All areas walked were surveyed and found to be < 1.5 Bq. Meter I was shielded!

# Radiation Survey Form WP 420, RU007CU073



AREA SURVEYED 9-20-96

o - hotspots that were removed

\*TODD BUTZLAFF AND LEON HAGGOS  
DID THE FINAL ON AREAS MARKED  
WITH LINES AS  $< 1.5$  BACKGROUND.  
Surveyed on 9/19/96.

Meter Model#: 2221 Detector Model#: 44-10

Meter Serial#: 3575/4331/2172 Detector Serial#: 10290/4240E/4327I

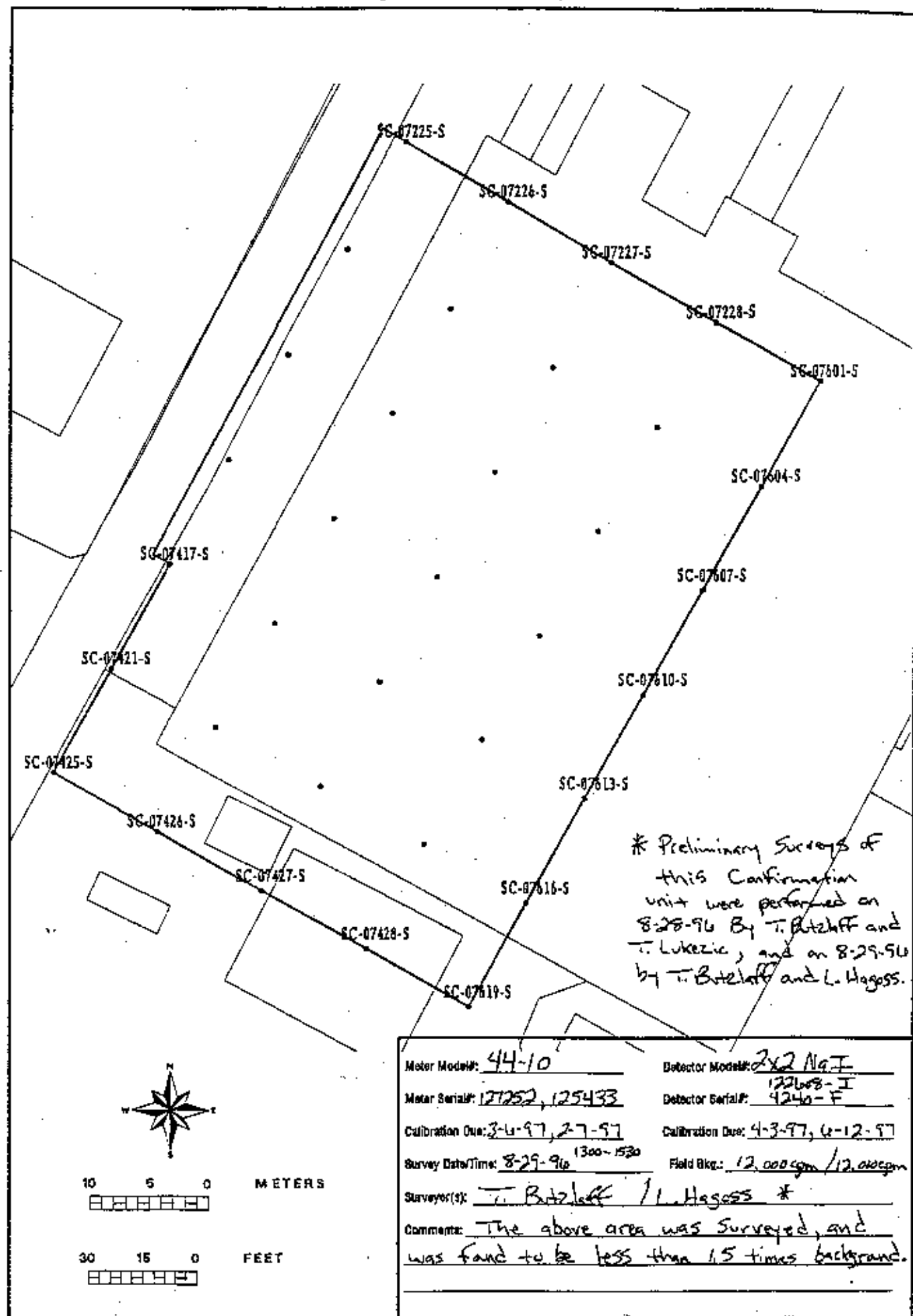
Calibration Due: 11-14-96/2-7-97/3-13-97 Calibration Due: 7-14-97/6-12-98/4-3-98

Survey Date/Time: 1800/9-20-96 Field Bkg: 11000/11500/12000

Surveyor(s): J. Geyer, F. ALBERTIAN, B. McCLANE

Comments: AREA INDICATED ABOVE WAS SURVEYED & FOUND TO  
BE  $< 1.5 \times$  Bkg. The small areas marked  
were hotspots that were excavated and  
surveyed  $< 1.5 \times$  Bkg.

# Radiation Survey Form WP 420, RU007CU074



10 5 0 METERS

30 15 0 FEET

Meter Model#: 44-10

Meter Serial#: 121252, 125433

Calibration Due: 3-6-97, 2-7-97

Survey Date/Time: 8-29-96 1300-1530

Surveyor(s): T. Butzloff / L. Hagoss \*

Comments: The above area was surveyed, and was found to be less than 1.5 times background.

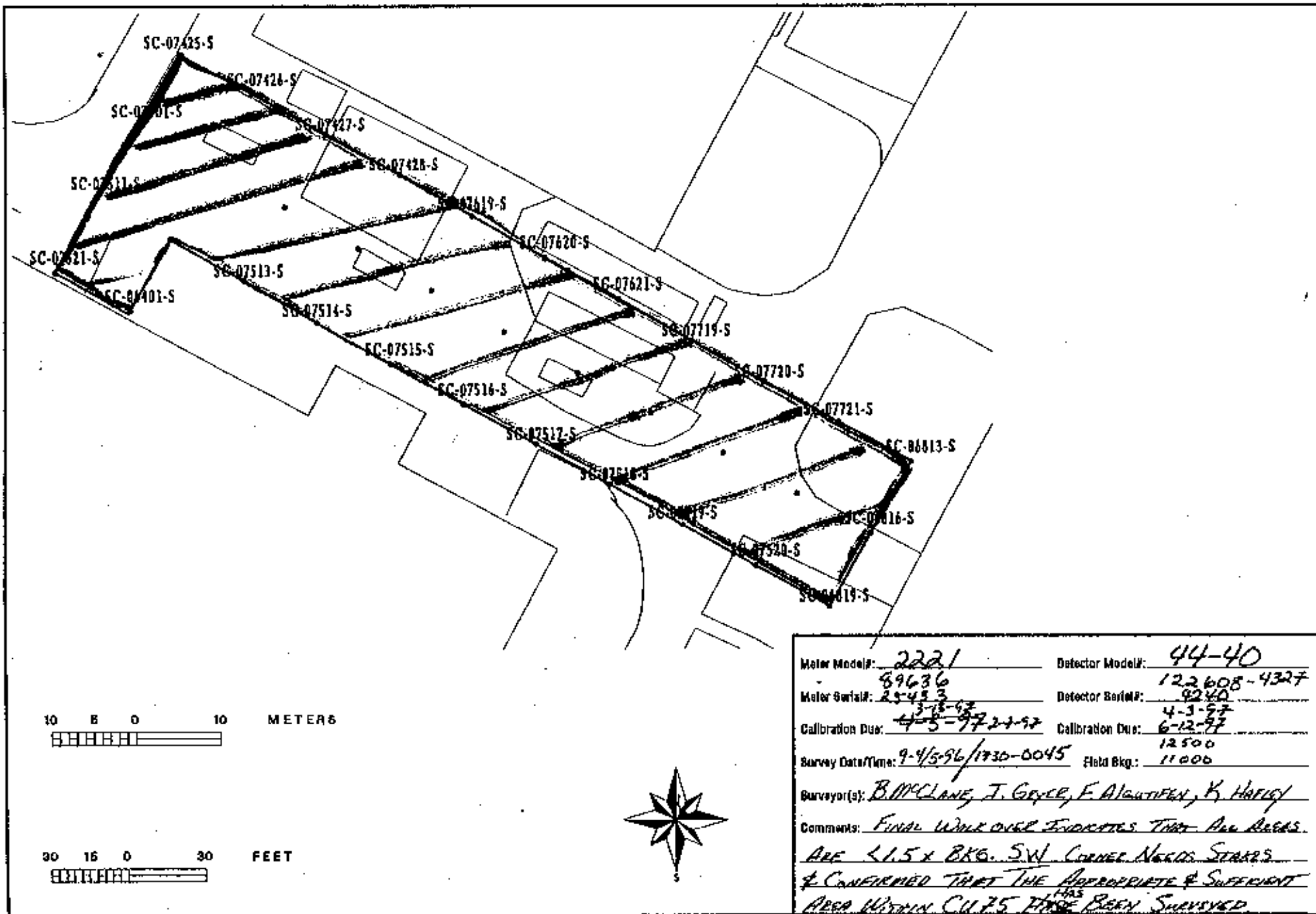
Detector Model#: 2x2 NaI

Detector Serial#: 122608-J

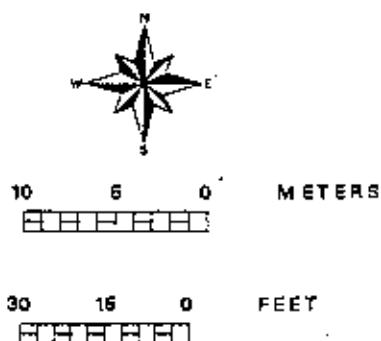
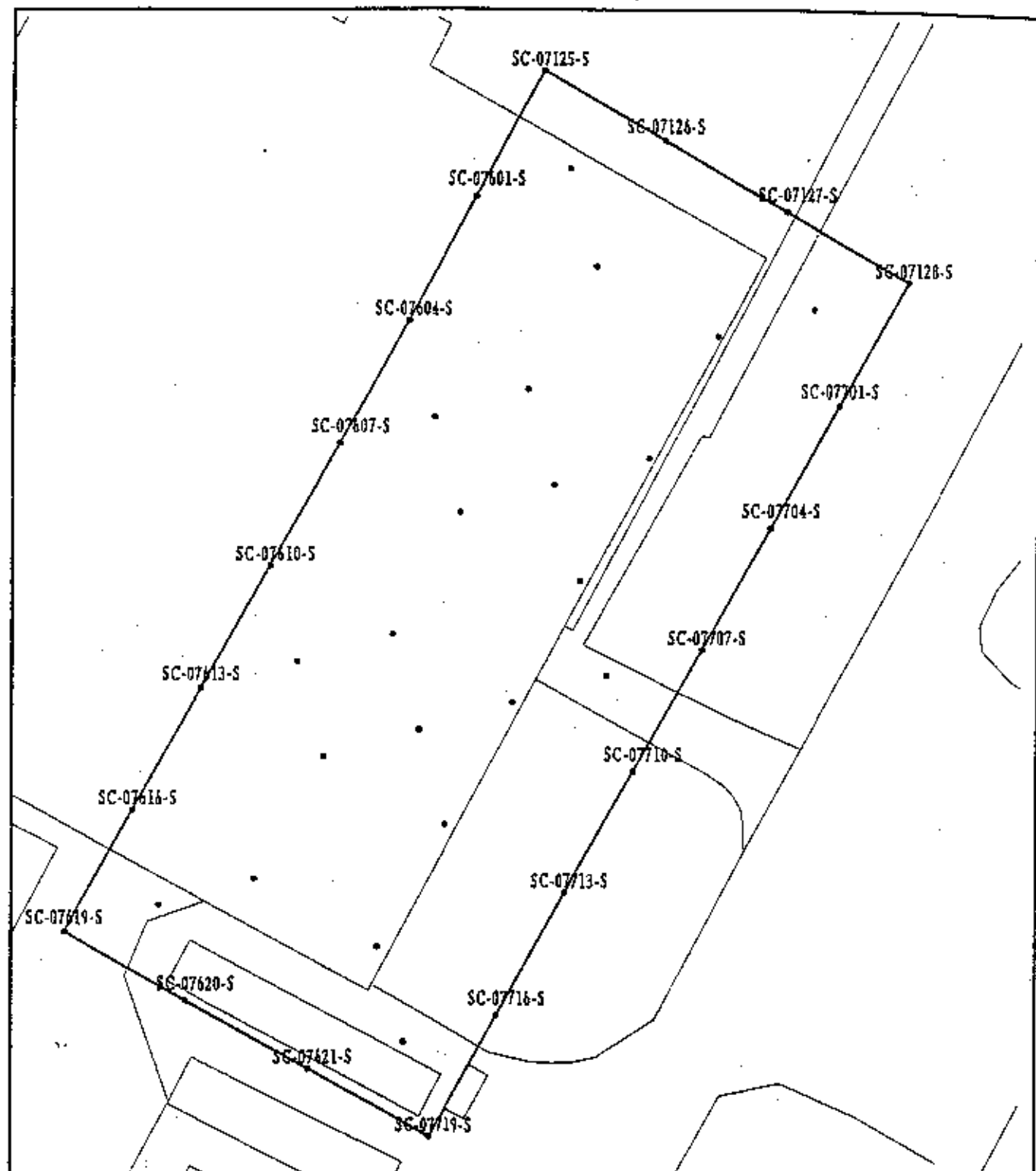
Calibration Due: 4-3-97, 6-12-97

Field Bkg.: 12,000 cpm / 12,000 cpm

# Radiation Survey Form WP 420, RU007CU075

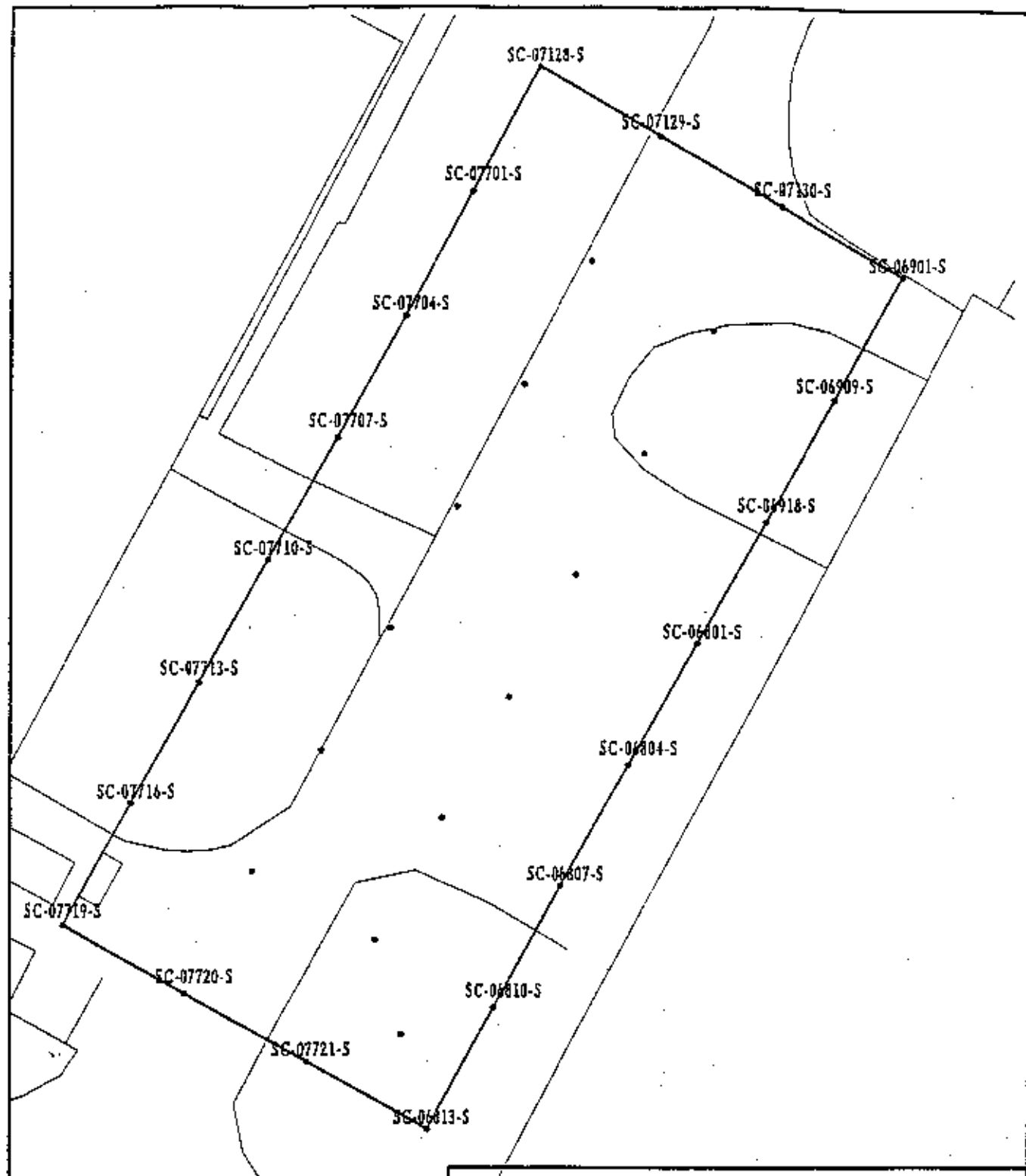


# Radiation Survey Form WP 420, RU007CU076



Meter Model#: 44-10 Detector Model#: 2x2 NaI  
 Meter Serial#: 127252, 125433 Detector Serial#: 122405-I  
 Calibration Due: 3-25-97, 2-27-97 Calibration Due: 4-3-97, 6-12-97  
 Survey Date/Time: 8-28-96 0900-1130 Field Bkg.: 12,000cpm/11,500cpm  
 Surveyor(s): T. Buzakoff / T. Lukezic  
 Comments: The area was surveyed and was found to be less than 1.5 times background. Additionally, all trenches were surveyed and found to be less than 1.5 times background.

# Radiation Survey Form WP 420, RU007CU077



10 5 0 METERS

30 15 0 FEET

Meter Model: 44-10 Detector Model: 2x2 NaI  
 Meter Serial: 127252, 125433 Detector Serial: 122408-I  
 Calibration Due: 3-6-97, 2-7-97 Calibration Due: 4-3-97, 6-12-97  
 Survey Date/Time: 8-29-96 <sup>0900-1130</sup> Field Bkg: 12,000cpm / 11,500cpm  
 Surveyor(s): T. Butzlaff / T. Lukezie  
 Comments: The above area was surveyed and was found to be less than 1.5 times background. Additionally, all trenches were surveyed and found to be less than 1.5 times background.

APPENDIX C  
Disposition Forms

# PARTIAL CONFIRMATION UNIT RELEASE FORM

ES&H-1.2.1, 3/96

## SECTION I

1. Work Package Number: WP420      2. Date: 9/11/96      3. Review Form No.: 96-010P

4. Remediation Unit Number: RU007      5. CU Number (see attached map for partial CU location): CU051

6. Contaminants of Concern: U238    Th230    Th232    RA226    Ra228    TNT  
TI    PCB    PAH    As    Cr    Pb

7. Number of Locations Sampled: 3930

8. Total Number of Locations within CU: 45

9. Any results exceed criteria?      Yes (requires additional remediation)      X No

10. Results average below ALARA goals?      X Yes      No (requires additional remediation)

11. Reviewer: Mel-A. Galt      Date: 9/11/96

12. Reviewer Disposition Recommendation:      X Release for Unrestricted Use      Additional Excavation Required

## SECTION II

I, Ken Meyer, agree with the above recommendation for this partial CU.

ALARA Committee Chairman: [Signature]      Date: 9/11/96

## SECTION III

Project Manager: Joseph P. Sharkey      Date: 9/11/96

Construction Engineer: Danell L. Capper      Date: 9-11-96



## CU051 DATA REPORT

| PARAMETER                               | CONC   | DL     | LOCATION   | UNITS |
|---|--------|--------|------------|-------|
| PCB (13 SAMPLES)                        |        |        |            |       |
|   | 0.000  | 44.000 | SC-06224-S | UG/KG |
|   | 0.000  | 43.000 | SC-06223-S | UG/KG |
|   | 0.000  | 42.000 | SC-06222-S | UG/KG |
|   | 0.000  | 44.000 | SC-05211-S | UG/KG |
|   | 0.000  | 39.000 | SC-05118-S | UG/KG |
|   | 0.000  | 39.000 | SC-05117-S | UG/KG |
|   | 0.000  | 40.000 | SC-05116-S | UG/KG |
|   | 0.000  | 38.000 | SC-05114-S | UG/KG |
|   | 0.000  | 39.000 | SC-05115-S | UG/KG |
|   | 0.000  | 37.000 | SC-05111-S | UG/KG |
|   | 45.000 | 42.000 | SC-05110-S | UG/KG |
|   | 46.000 | 43.000 | SC-05105-S | UG/KG |
|   | 0.000  | 35.000 | SC-05104-S | UG/KG |
| PCB AVERAGE = 7.800 UG/KG (0.007 MG/KG) |        |        |            |       |

|                              |        |       |            |      |
|------------------------------|--------|-------|------------|------|
| ARSENIC (13 SAMPLES)         |        |       |            |      |
|                              | 9.600  | 0.520 | SC-05105-S | UG/G |
|                              | 7.600  | 0.430 | SC-05104-S | UG/G |
|                              | 8.700  | 0.510 | SC-05110-S | UG/G |
|                              | 4.700  | 0.460 | SC-05114-S | UG/G |
|                              | 8.300  | 0.450 | SC-05111-S | UG/G |
|                              | 5.600  | 0.470 | SC-05115-S | UG/G |
|                              | 10.200 | 0.480 | SC-05116-S | UG/G |
|                              | 8.600  | 0.470 | SC-05117-S | UG/G |
|                              | 4.900  | 0.470 | SC-05118-S | UG/G |
|                              | 19.100 | 0.500 | SC-06222-S | UG/G |
|                              | 4.300  | 0.540 | SC-05211-S | UG/G |
|                              | 9.900  | 0.520 | SC-06223-S | UG/G |
|                              | 8.300  | 0.540 | SC-06224-S | UG/G |
| ARSENIC AVERAGE = 8.462 UG/G |        |       |            |      |

|                                |        |       |            |      |
|--------------------------------|--------|-------|------------|------|
| CHROMIUM (13 SAMPLES)          |        |       |            |      |
|                                | 20.800 | 0.620 | SC-06224-S | UG/G |
|                                | 15.200 | 0.600 | SC-06223-S | UG/G |
|                                | 11.400 | 0.620 | SC-05211-S | UG/G |
|                                | 22.200 | 0.580 | SC-06222-S | UG/G |
|                                | 15.800 | 0.540 | SC-05118-S | UG/G |
|                                | 14.900 | 0.540 | SC-05117-S | UG/G |
|                                | 14.600 | 0.560 | SC-05116-S | UG/G |
|                                | 12.100 | 0.530 | SC-05115-S | UG/G |
|                                | 17.400 | 0.520 | SC-05111-S | UG/G |
|                                | 13.300 | 0.530 | SC-05114-S | UG/G |
|                                | 14.500 | 0.590 | SC-05110-S | UG/G |
|                                | 10.200 | 0.490 | SC-05104-S | UG/G |
|                                | 16.100 | 0.590 | SC-05105-S | UG/G |
| CHROMIUM AVERAGE = 15.285 UG/G |        |       |            |      |

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## CU051 DATA REPORT (CONTINUED)

| PARAMETER                  | CONC   | DL    | LOCATION   | UNITS |
|----------------------------|--------|-------|------------|-------|
| LEAD (13 SAMPLES)          |        |       |            |       |
|                            | 11.400 | 0.380 | SC-06224-S | UG/G  |
|                            | 16.500 | 0.360 | SC-05105-S | UG/G  |
|                            | 13.500 | 0.300 | SC-05104-S | UG/G  |
|                            | 14.000 | 0.360 | SC-05110-S | UG/G  |
|                            | 9.000  | 0.320 | SC-05114-S | UG/G  |
|                            | 11.500 | 0.320 | SC-05111-S | UG/G  |
|                            | 10.100 | 0.330 | SC-05115-S | UG/G  |
|                            | 18.100 | 0.340 | SC-05116-S | UG/G  |
|                            | 12.900 | 0.330 | SC-05117-S | UG/G  |
|                            | 9.300  | 0.330 | SC-05118-S | UG/G  |
|                            | 9.700  | 0.300 | SC-05111-S | UG/G  |
|                            | 21.400 | 0.360 | SC-06223-S | UG/G  |
|                            | 19.000 | 0.350 | SC-06222-S | UG/G  |
| LEAD AVERAGE = 13.969 UG/G |        |       |            |       |

## RADIUM-226 (26 SAMPLES)

|                                  |       |            |       |
|----------------------------------|-------|------------|-------|
| 2.451                            | 0.350 | SC-06224-S | PCI/G |
| 2.043                            | 0.280 | SC-06223-S | PCI/G |
| 2.883                            | 0.210 | SC-06222-S | PCI/G |
| 2.792                            | 0.260 | SC-06221-S | PCI/G |
| 2.315                            | 0.400 | SC-06220-S | PCI/G |
| 2.111                            | 0.230 | SC-05211-S | PCI/G |
| 1.952                            | 0.280 | SC-05118-S | PCI/G |
| 2.179                            | 0.280 | SC-05117-S | PCI/G |
| 2.452                            | 0.270 | SC-05116-S | PCI/G |
| 2.565                            | 0.380 | SC-05116-C | PCI/G |
| 2.838                            | 0.380 | SC-05115-S | PCI/G |
| 2.315                            | 0.290 | SC-05114-S | PCI/G |
| 2.792                            | 0.230 | SC-05112-S | PCI/G |
| 2.679                            | 0.300 | SC-05112-C | PCI/G |
| 2.542                            | 0.270 | SC-05111-S | PCI/G |
| 2.633                            | 0.350 | SC-05111-C | PCI/G |
| 2.315                            | 0.360 | SC-05110-S | PCI/G |
| 2.724                            | 0.370 | SC-05110-C | PCI/G |
| 2.406                            | 0.310 | SC-05109-S | PCI/G |
| 2.769                            | 0.410 | SC-05108-C | PCI/G |
| 2.497                            | 0.460 | SC-05106-S | PCI/G |
| 2.134                            | 0.260 | SC-05105-S | PCI/G |
| 2.020                            | 0.380 | SC-05104-S | PCI/G |
| 2.043                            | 0.330 | SC-05103-S | PCI/G |
| 2.361                            | 0.340 | SC-05103-C | PCI/G |
| 2.883                            | 0.400 | SC-05102-S | PCI/G |
| RADIUM-226 AVERAGE = 2.459 PCI/G |       |            |       |

## CU051 DATA REPORT (CONTINUED)

| PARAMETER                         | CONC  | DL    | LOCATION   | UNITS |
|-----------------------------------|-------|-------|------------|-------|
| RADIUM-228 (26 SAMPLES)           |       |       |            |       |
|                                   | 1.100 | 0.730 | SC-05102-S | PCI/G |
|                                   | 1.200 | 0.450 | SC-05103-C | PCI/G |
|                                   | 1.460 | 0.380 | SC-05103-S | PCI/G |
|                                   | 2.110 | 0.440 | SC-05104-S | PCI/G |
|                                   | 1.160 | 0.460 | SC-05105-S | PCI/G |
|                                   | 1.450 | 0.600 | SC-05106-S | PCI/G |
|                                   | 0.600 | 1.200 | SC-05108-C | PCI/G |
|                                   | 1.340 | 0.360 | SC-05109-S | PCI/G |
|                                   | 1.230 | 0.400 | SC-05110-C | PCI/G |
|                                   | 1.130 | 0.620 | SC-05110-S | PCI/G |
|                                   | 1.240 | 0.520 | SC-05111-C | PCI/G |
|                                   | 1.470 | 0.450 | SC-05111-S | PCI/G |
|                                   | 1.160 | 0.310 | SC-05112-C | PCI/G |
|                                   | 1.380 | 0.540 | SC-05112-S | PCI/G |
|                                   | 1.240 | 0.470 | SC-05114-S | PCI/G |
|                                   | 0.560 | 1.120 | SC-05115-S | PCI/G |
|                                   | 1.370 | 0.540 | SC-05116-C | PCI/G |
|                                   | 1.300 | 0.450 | SC-05116-S | PCI/G |
|                                   | 1.200 | 0.460 | SC-05117-S | PCI/G |
|                                   | 1.330 | 0.330 | SC-05118-S | PCI/G |
|                                   | 1.110 | 0.220 | SC-05211-S | PCI/G |
|                                   | 1.520 | 0.150 | SC-06220-S | PCI/G |
|                                   | 1.490 | 0.440 | SC-06221-S | PCI/G |
|                                   | 1.100 | 0.390 | SC-06223-S | PCI/G |
|                                   | 1.180 | 0.570 | SC-06222-S | PCI/G |
|                                   | 0.605 | 1.210 | SC-06224-S | PCI/G |
| RADIUM-228 AVERAGE = 1.232 PCI/G  |       |       |            |       |
| THORIUM-230 (13 SAMPLES)          |       |       |            |       |
|                                   | 1.080 | 0.720 | SC-06224-S | PCI/G |
|                                   | 1.180 | 0.720 | SC-06223-S | PCI/G |
|                                   | 1.380 | 0.720 | SC-06222-S | PCI/G |
|                                   | 0.790 | 0.720 | SC-05211-S | PCI/G |
|                                   | 0.780 | 0.720 | SC-05118-S | PCI/G |
|                                   | 1.010 | 0.720 | SC-05117-S | PCI/G |
|                                   | 1.140 | 0.720 | SC-05116-S | PCI/G |
|                                   | 1.250 | 0.720 | SC-05115-S | PCI/G |
|                                   | 1.000 | 0.720 | SC-05114-S | PCI/G |
|                                   | 1.220 | 0.720 | SC-05111-S | PCI/G |
|                                   | 0.970 | 0.720 | SC-05110-S | PCI/G |
|                                   | 1.340 | 0.720 | SC-05105-S | PCI/G |
|                                   | 0.990 | 0.720 | SC-05104-S | PCI/G |
| THORIUM-230 AVERAGE = 1.081 PCI/G |       |       |            |       |

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## CU051 DATA REPORT (CONTINUED)

| PARAMETER                         | CONC   | DL    | LOCATION   | UNITS |
|-----------------------------------|--------|-------|------------|-------|
| URANIUM-238 (26 SAMPLES)          |        |       |            |       |
|                                   | 2.500  | 5.000 | SC-05102-S | PCI/G |
|                                   | 1.540  | 3.080 | SC-05103-S | PCI/G |
|                                   | 4.750  | 3.990 | SC-05104-S | PCI/G |
|                                   | 7.790  | 2.700 | SC-05105-S | PCI/G |
|                                   | 6.920  | 4.760 | SC-05106-S | PCI/G |
|                                   | 1.490  | 3.180 | SC-05108-S | PCI/G |
|                                   | 33.040 | 4.250 | SC-05109-S | PCI/G |
|                                   | 10.470 | 2.500 | SC-05110-C | PCI/G |
|                                   | 9.580  | 3.200 | SC-05110-S | PCI/G |
|                                   | 11.000 | 3.320 | SC-05111-S | PCI/G |
|                                   | 1.700  | 3.400 | SC-05112-C | PCI/G |
|                                   | 19.760 | 5.250 | SC-05112-S | PCI/G |
|                                   | 1.525  | 3.050 | SC-05114-S | PCI/G |
|                                   | 1.955  | 3.910 | SC-05115-S | PCI/G |
|                                   | 6.080  | 2.540 | SC-05116-S | PCI/G |
|                                   | 4.160  | 2.440 | SC-05117-S | PCI/G |
|                                   | 4.700  | 1.980 | SC-05118-S | PCI/G |
|                                   | 2.095  | 4.190 | SC-05201-S | PCI/G |
|                                   | 2.320  | 3.240 | SC-05206-S | PCI/G |
|                                   | 3.030  | 2.170 | SC-05211-S | PCI/G |
|                                   | 23.470 | 3.070 | SC-06117-S | PCI/G |
|                                   | 2.150  | 4.300 | SC-06220-S | PCI/G |
|                                   | 1.670  | 3.340 | SC-06221-S | PCI/G |
|                                   | 8.290  | 3.240 | SC-06222-S | PCI/G |
|                                   | 7.000  | 2.600 | SC-06223-S | PCI/G |
|                                   | 4.880  | 2.880 | SC-06224-S | PCI/G |
| URANIUM-238 AVERAGE = 7.076 PCI/G |        |       |            |       |

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP-420 2. Date: 09-25-96 3. Review Form #: 96-0606  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU051 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☒ Th-232 ☒ Ra-226 ☒ Ra-228  
☐ TNT ☒ PCB ☐ PAH ☒ As ☒ Cr ☒ Pb ☐ Ti

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter | Size | Concentration | Complies with Plan?                                      |
|-----------|------|---------------|--|
| N/A       |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

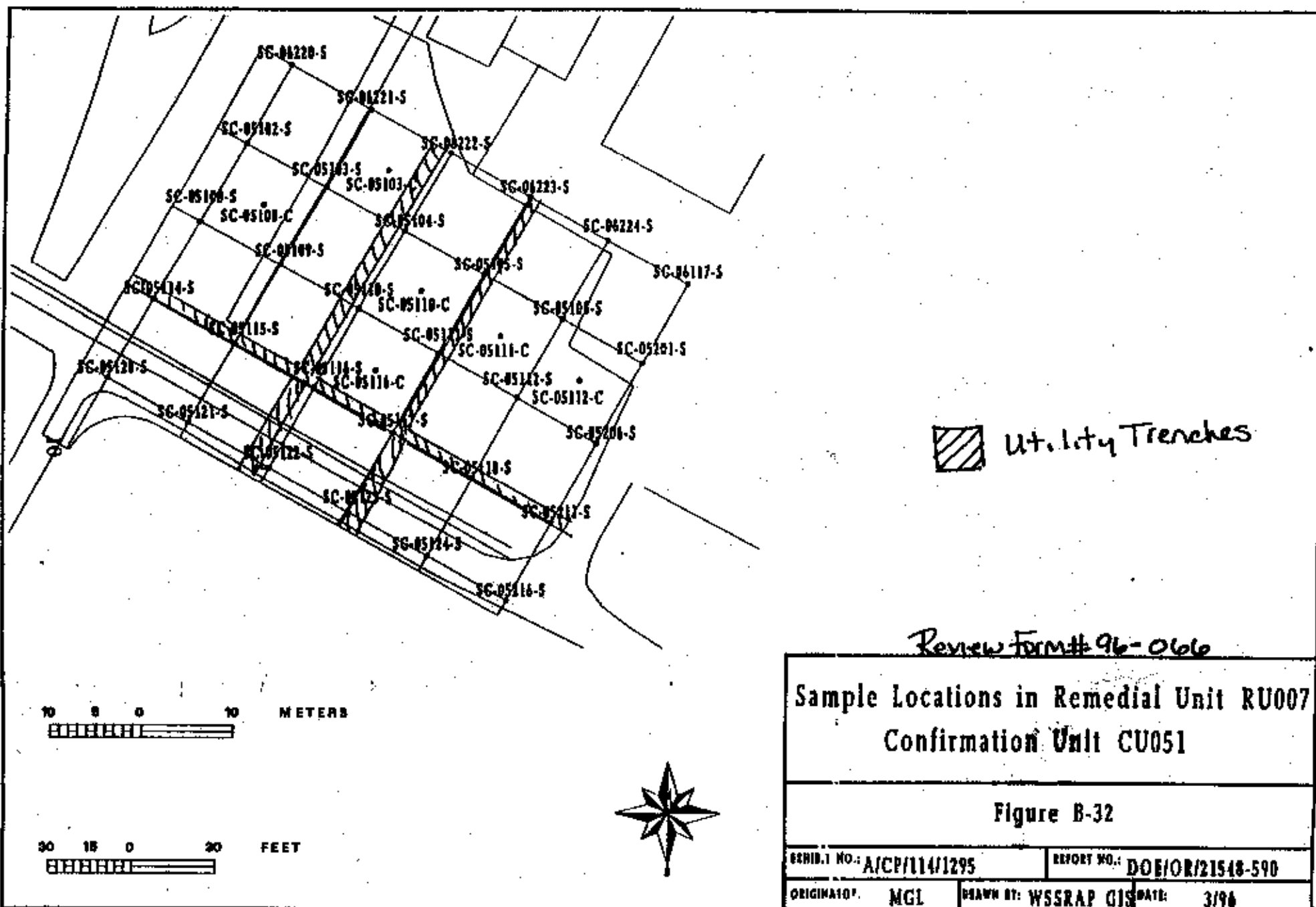
11. Reviewer: Melvin A. Lutz Date: 09/25/96  
12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: Debbie K. Johnson for KRM Date: 9/25/96  
15. DOE Project Manager/Engineer: Thomas C. Pauling Date: 9/25/96  
16. Project Manager: Joseph P. Blum for G. Boyer Date: 9/25/96  
17. Construction Engineer: James L. Cooper Date: 9/25/96

SEE ATTACHED RESULTS AND MAP



## CU051 DATA REPORT

| PARAMETER        | CONC   | DL     | LOCATION   | UNITS |
|------------------|--------|--------|------------|-------|
| PCB (15 SAMPLES) |        |        |            |       |
|                  | 0.000  | 35.000 | SC-05104-S | UG/KG |
|                  | 46.000 | 43.000 | SC-05105-S | UG/KG |
|                  | 45.000 | 42.000 | SC-05110-S | UG/KG |
|                  | 0.000  | 37.000 | SC-05111-S | UG/KG |
|                  | 0.000  | 38.000 | SC-05114-S | UG/KG |
|                  | 0.000  | 39.000 | SC-05115-S | UG/KG |
|                  | 0.000  | 40.000 | SC-05116-S | UG/KG |
|                  | 0.000  | 39.000 | SC-05117-S | UG/KG |
|                  | 0.000  | 39.000 | SC-05118-S | UG/KG |
|                  | 0.000  | 42.000 | SC-05122-S | UG/KG |
|                  | 0.000  | 42.000 | SC-05123-S | UG/KG |
|                  | 0.000  | 44.000 | SC-05211-S | UG/KG |
|                  | 0.000  | 42.000 | SC-06222-S | UG/KG |
|                  | 0.000  | 45.000 | SC-06223-S | UG/KG |
|                  | 0.000  | 44.000 | SC-06224-S | UG/KG |

PCB AVERAGE = 6.0667 UG/KG (0.806 MG/KG)

|                      |        |       |            |      |
|----------------------|--------|-------|------------|------|
| ARSENIC (15 SAMPLES) |        |       |            |      |
|                      | 10.900 | 0.510 | SC-05122-S | UG/G |
|                      | 9.400  | 0.510 | SC-05123-S | UG/G |
|                      | 8.300  | 0.540 | SC-06224-S | UG/G |
|                      | 9.900  | 0.520 | SC-06223-S | UG/G |
|                      | 4.500  | 0.540 | SC-05211-S | UG/G |
|                      | 19.100 | 0.500 | SC-06222-S | UG/G |
|                      | 4.900  | 0.470 | SC-05118-S | UG/G |
|                      | 8.600  | 0.470 | SC-05117-S | UG/G |
|                      | 10.200 | 0.480 | SC-05116-S | UG/G |
|                      | 5.600  | 0.470 | SC-05115-S | UG/G |
|                      | 8.300  | 0.450 | SC-05111-S | UG/G |
|                      | 4.700  | 0.460 | SC-05114-S | UG/G |
|                      | 8.700  | 0.510 | SC-05110-S | UG/G |
|                      | 7.600  | 0.430 | SC-05104-S | UG/G |
|                      | 9.600  | 0.520 | SC-05105-S | UG/G |

ARSENIC AVERAGE = 8.687 UG/G

|                       |        |       |            |      |
|-----------------------|--------|-------|------------|------|
| CHROMIUM (15 SAMPLES) |        |       |            |      |
|                       | 10.200 | 0.490 | SC-05104-S | UG/G |
|                       | 16.100 | 0.590 | SC-05105-S | UG/G |
|                       | 14.500 | 0.590 | SC-05110-S | UG/G |
|                       | 13.500 | 0.530 | SC-05114-S | UG/G |
|                       | 14.600 | 0.560 | SC-05116-S | UG/G |
|                       | 17.400 | 0.520 | SC-05111-S | UG/G |
|                       | 12.100 | 0.550 | SC-05115-S | UG/G |
|                       | 16.000 | 0.580 | SC-05122-S | UG/G |
|                       | 22.600 | 0.580 | SC-05123-S | UG/G |
|                       | 14.900 | 0.540 | SC-05117-S | UG/G |
|                       | 15.800 | 0.540 | SC-05118-S | UG/G |
|                       | 22.200 | 0.580 | SC-06222-S | UG/G |
|                       | 11.400 | 0.620 | SC-05211-S | UG/G |
|                       | 15.200 | 0.600 | SC-06223-S | UG/G |
|                       | 20.800 | 0.620 | SC-06224-S | UG/G |

CHROMIUM AVERAGE = 15.820 UG/G

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## CU051 DATA REPORT (CONTINUED)

| PARAMETER         | CONC   | DL    | LOCATION   | UNITS |
|-------------------|--------|-------|------------|-------|
| LEAD (15 SAMPLES) |        |       |            |       |
|                   | 14.000 | 0.360 | SC-05122-S | UG/G  |
|                   | 10.200 | 0.350 | SC-05123-S | UG/G  |
|                   | 11.400 | 0.380 | SC-06224-S | UG/G  |
|                   | 16.500 | 0.360 | SC-05108-S | UG/G  |
|                   | 13.500 | 0.300 | SC-05104-S | UG/G  |
|                   | 14.800 | 0.360 | SC-05110-S | UG/G  |
|                   | 9.000  | 0.320 | SC-05114-S | UG/G  |
|                   | 19.000 | 0.350 | SC-06222-S | UG/G  |
|                   | 11.500 | 0.320 | SC-05111-S | UG/G  |
|                   | 10.100 | 0.330 | SC-05115-S | UG/G  |
|                   | 18.100 | 0.340 | SC-05116-S | UG/G  |
|                   | 12.900 | 0.330 | SC-05117-S | UG/G  |
|                   | 9.300  | 0.330 | SC-05118-S | UG/G  |
|                   | 9.700  | 0.380 | SC-05211-S | UG/G  |
|                   | 21.400 | 0.360 | SC-06223-S | UG/G  |

LEAD AVERAGE = 13.373 UG/G

## RADIUM-226 (28 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 2.883 | 0.400 | SC-05102-S | PCI/G |
| 2.361 | 0.340 | SC-05103-C | PCI/G |
| 2.043 | 0.330 | SC-05103-S | PCI/G |
| 2.020 | 0.380 | SC-05104-S | PCI/G |
| 2.134 | 0.260 | SC-05105-S | PCI/G |
| 2.497 | 0.460 | SC-05106-S | PCI/G |
| 2.769 | 0.410 | SC-05108-C | PCI/G |
| 2.406 | 0.310 | SC-05109-S | PCI/G |
| 2.724 | 0.370 | SC-05110-C | PCI/G |
| 2.315 | 0.360 | SC-05110-S | PCI/G |
| 2.633 | 0.350 | SC-05111-C | PCI/G |
| 2.542 | 0.270 | SC-05111-S | PCI/G |
| 2.679 | 0.300 | SC-05112-C | PCI/G |
| 2.792 | 0.230 | SC-05112-S | PCI/G |
| 2.315 | 0.290 | SC-05114-S | PCI/G |
| 2.838 | 0.380 | SC-05115-S | PCI/G |
| 2.565 | 0.380 | SC-05116-C | PCI/G |
| 2.452 | 0.270 | SC-05116-S | PCI/G |
| 2.179 | 0.280 | SC-05117-S | PCI/G |
| 1.932 | 0.280 | SC-05118-S | PCI/G |
| 2.111 | 0.230 | SC-05211-S | PCI/G |
| 2.315 | 0.400 | SC-06220-S | PCI/G |
| 2.792 | 0.260 | SC-06221-S | PCI/G |
| 2.883 | 0.210 | SC-06222-S | PCI/G |
| 2.043 | 0.280 | SC-06223-S | PCI/G |
| 2.452 | 0.350 | SC-06224-S | PCI/G |
| 2.633 | 0.310 | SC-05123-S | PCI/G |
| 1.793 | 0.330 | SC-05122-S | PCI/G |

RADIUM-226 AVERAGE = 2.433 PCI/G

## CUR51 DATA REPORT (CONTINUED)

| PARAMETER               | CONC  | DL    | LOCATION   | UNITS |
|-------------------------|-------|-------|------------|-------|
| RADIUM-228 (28 SAMPLES) |       |       |            |       |
|                         | 0.605 | 1.210 | SC-06224-S | PCU/G |
|                         | 1.180 | 0.570 | SC-06222-S | PCU/G |
|                         | 1.100 | 0.390 | SC-06223-S | PCU/G |
|                         | 1.490 | 0.440 | SC-06221-S | PCU/G |
|                         | 1.520 | 0.150 | SC-06220-S | PCU/G |
|                         | 1.110 | 0.220 | SC-05211-S | PCU/G |
|                         | 1.330 | 0.330 | SC-05118-S | PCU/G |
|                         | 1.200 | 0.460 | SC-05117-S | PCU/G |
|                         | 1.300 | 0.450 | SC-05116-S | PCU/G |
|                         | 1.370 | 0.540 | SC-05116-C | PCU/G |
|                         | 0.560 | 1.120 | SC-05115-S | PCU/G |
|                         | 1.240 | 0.470 | SC-05114-S | PCU/G |
|                         | 1.380 | 0.540 | SC-05112-S | PCU/G |
|                         | 1.160 | 0.310 | SC-05112-C | PCU/G |
|                         | 1.470 | 0.450 | SC-05111-S | PCU/G |
|                         | 1.240 | 0.520 | SC-05111-C | PCU/G |
|                         | 1.130 | 0.620 | SC-05110-S | PCU/G |
|                         | 1.230 | 0.400 | SC-05110-C | PCU/G |
|                         | 1.340 | 0.360 | SC-05109-S | PCU/G |
|                         | 0.600 | 1.200 | SC-05108-C | PCU/G |
|                         | 1.450 | 0.600 | SC-05106-S | PCU/G |
|                         | 1.160 | 0.460 | SC-05105-S | PCU/G |
|                         | 2.110 | 0.440 | SC-05104-S | PCU/G |
|                         | 1.460 | 0.380 | SC-05103-S | PCU/G |
|                         | 1.200 | 0.450 | SC-05103-C | PCU/G |
|                         | 1.100 | 0.730 | SC-05102-S | PCU/G |
|                         | 1.160 | 0.270 | SC-05122-S | PCU/G |
|                         | 1.160 | 0.520 | SC-05123-S | PCU/G |

RADIUM-228 AVERAGE = 1.227 PCU/G

## THORIUM-230 (15 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 0.990 | 0.720 | SC-05104-S | PCU/G |
| 1.340 | 0.720 | SC-05105-S | PCU/G |
| 0.970 | 0.720 | SC-05110-S | PCU/G |
| 1.220 | 0.720 | SC-05111-S | PCU/G |
| 1.000 | 0.720 | SC-05114-S | PCU/G |
| 1.250 | 0.720 | SC-05115-S | PCU/G |
| 1.140 | 0.720 | SC-05116-S | PCU/G |
| 1.010 | 0.720 | SC-05117-S | PCU/G |
| 0.700 | 0.720 | SC-05118-S | PCU/G |
| 0.790 | 0.720 | SC-05211-S | PCU/G |
| 1.380 | 0.720 | SC-06222-S | PCU/G |
| 1.180 | 0.720 | SC-06223-S | PCU/G |
| 1.080 | 0.720 | SC-06224-S | PCU/G |
| 1.040 | 0.720 | SC-05123-S | PCU/G |
| 0.980 | 0.720 | SC-05122-S | PCU/G |

THORIUM-230 AVERAGE = 1.071 PCU/G

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## CUR51 DATA REPORT (CONTINUED)

| PARAMETER                         | CONC   | DL    | LOCATION   | UNITS |
|-----------------------------------|--------|-------|------------|-------|
| URANIUM-238 (32 SAMPLES)          |        |       |            |       |
|                                   | 9.580  | 3.200 | SC-05110-S | PCI/G |
|                                   | 10.470 | 2.500 | SC-05110-C | PCI/G |
|                                   | 33.040 | 4.250 | SC-05109-S | PCI/G |
|                                   | 1.590  | 3.180 | SC-05108-S | PCI/G |
|                                   | 6.920  | 4.760 | SC-05106-S | PCI/G |
|                                   | 7.790  | 2.700 | SC-05105-S | PCI/G |
|                                   | 4.790  | 3.990 | SC-05104-S | PCI/G |
|                                   | 1.540  | 3.080 | SC-05103-S | PCI/G |
|                                   | 2.500  | 5.000 | SC-05102-S | PCI/G |
|                                   | 2.070  | 4.140 | SC-05216-S | PCI/G |
|                                   | 2.280  | 4.560 | SC-05124-S | PCI/G |
|                                   | 2.115  | 4.230 | SC-05123-S | PCI/G |
|                                   | 4.600  | 2.530 | SC-05122-S | PCI/G |
|                                   | 2.115  | 4.230 | SC-05121-S | PCI/G |
|                                   | 1.835  | 3.670 | SC-05120-S | PCI/G |
|                                   | 4.880  | 2.880 | SC-06274-S | PCI/G |
|                                   | 7.000  | 2.600 | SC-06223-S | PCI/G |
|                                   | 8.290  | 3.240 | SC-06222-S | PCI/G |
|                                   | 1.670  | 3.340 | SC-06221-S | PCI/G |
|                                   | 2.150  | 4.300 | SC-06220-S | PCI/G |
|                                   | 23.470 | 3.070 | SC-06117-S | PCI/G |
|                                   | 3.030  | 2.170 | SC-05211-S | PCI/G |
|                                   | 2.320  | 3.240 | SC-05206-S | PCI/G |
|                                   | 2.095  | 4.190 | SC-05201-S | PCI/G |
|                                   | 4.700  | 1.980 | SC-05118-S | PCI/G |
|                                   | 4.160  | 2.440 | SC-05117-S | PCI/G |
|                                   | 6.080  | 2.540 | SC-05116-S | PCI/G |
|                                   | 1.955  | 3.910 | SC-05115-S | PCI/G |
|                                   | 11.000 | 3.320 | SC-05111-S | PCI/G |
|                                   | 1.525  | 3.050 | SC-05114-S | PCI/G |
|                                   | 19.760 | 5.250 | SC-05112-S | PCI/G |
|                                   | 1.700  | 3.400 | SC-05112-C | PCI/G |
| URANIUM-238 AVERAGE = 6.218 PCI/G |        |       |            |       |

# PARTIAL CONFIRMATION UNIT RELEASE FORM

ES&H-1.2.1, 3/96

## SECTION I

1. Work Package Number: WP420 2. Date: 09/25/96 3. Review Form No.: 96-011P

4. Remediation Unit Number: RU007 5. CU Number (see attached map for partial CU location): CU052

6. Contaminants of Concern: ☒ U238 ☒ Th230 ☒ Th232 ☒ RA226 ☒ Ra228 ☐ TNT  
☒ TI ☒ PCB ☒ PAH ☒ As ☒ Cr ☒ Pb

7. Number of Locations Sampled: 28

8. Total Number of Locations within CU: 302

9. Any results exceed criteria? ☐ Yes (requires additional remediation) ☒ No

10. Results average below ALARA goals? ☒ Yes ☐ No (requires additional remediation)

11. Reviewer: Mel A. Lutz Date: 09/25/96

12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use ☐ Additional Excavation Required

## SECTION II

I, Daniel E. Hoffman, agree with the above recommendation for this partial CU.

ALARA Committee Chairman: [Signature]

Date: 9/25/96

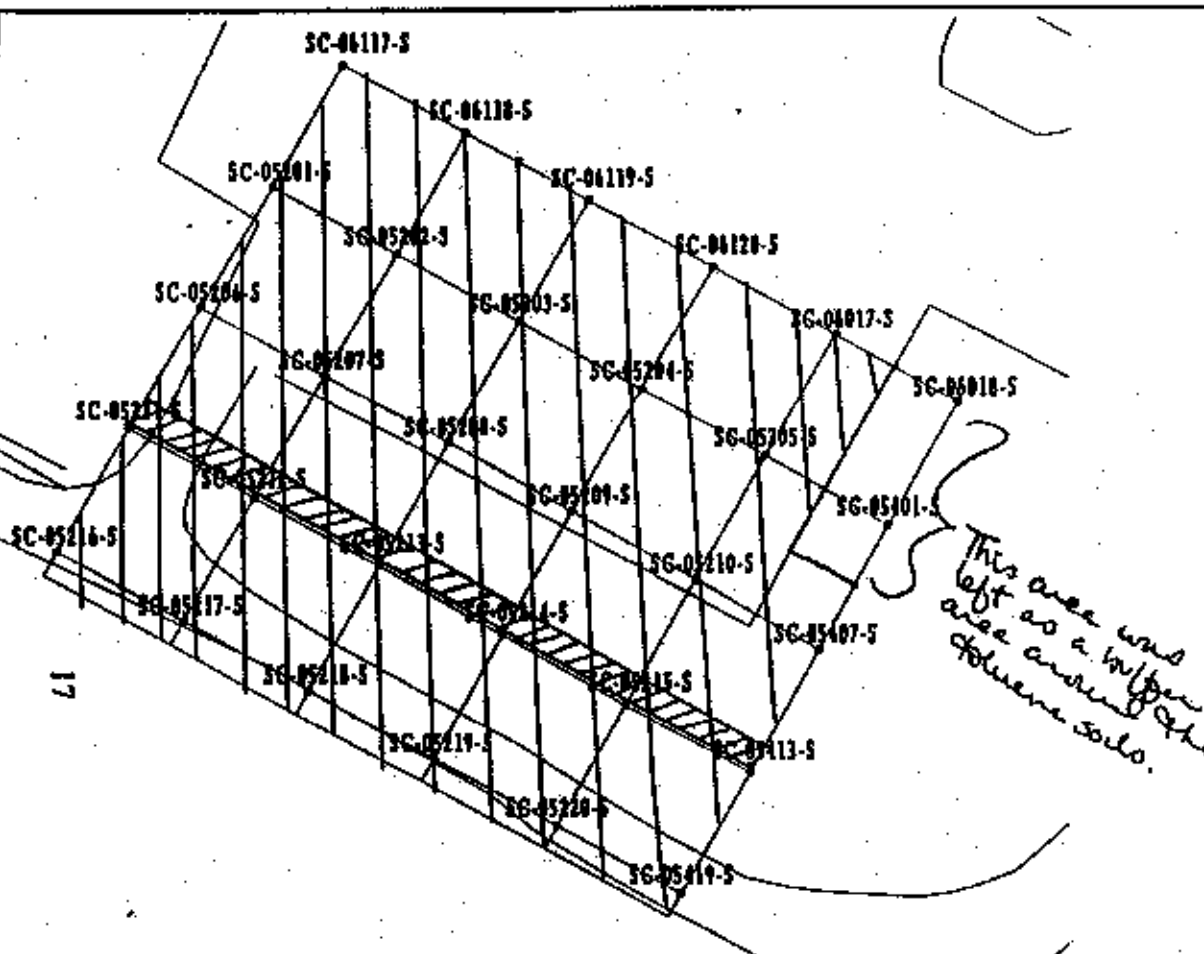
## SECTION III

Project Manager: [Signature]

Date: 9/25/96

Construction Engineer: Daniel L. Capp

Date: 9/25/96



Partial CU being released

trench

*This area was left as a buffer area around the release site.*

0 5 10 METERS

0 15 30 FEET



Review Form #96-01/P

|  |                              |            |
|--|------------------------------|------------|
| Sample Locations in Remedial Unit RU007<br>Confirmation Unit CU052 |                              |            |
| Figure B-33  |                              |            |
| EXHIBIT NO.: A/CF/115/1295   | REPORT NO.: DOE/OR/21548-590 |            |
| ORIGINATOR: MGL  | DRAWN BY: WSSRAP GIS         | DATE: 3/96 |

09/25/96

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## CU052 DATA REPORT

| PARAMETER                               | CONC   | DL     | LOCATION   | UNITS |
|---|--------|--------|------------|-------|
| PCB                                     | 0.000  | 44.000 | SC-05211-S | UG/KG |
|   | 0.000  | 40.000 | SC-05212-S | UG/KG |
|   | 0.000  | 38.000 | SC-05213-S | UG/KG |
|   | 0.000  | 40.000 | SC-05214-S | UG/KG |
|   | 0.000  | 39.000 | SC-05215-S | UG/KG |
|   | 0.000  | 40.000 | SC-05413-S | UG/KG |
| PCB AVERAGE = NA                        |        |        |            |       |
| PAH                                     | 28.000 | NA     | SC-05413-S | UG/KG |
| PAH AVERAGE = 28.00 UG/KG (0.028 MG/KG) |        |        |            |       |
| ARSENIC                                 | 7.800  | 0.420  | SC-05413-S | UG/G  |
|   | 9.000  | 0.470  | SC-05215-S | UG/G  |
|   | 5.800  | 0.460  | SC-05213-S | UG/G  |
|   | 4.000  | 0.480  | SC-05214-S | UG/G  |
|   | 6.200  | 0.480  | SC-05212-S | UG/G  |
|   | 4.500  | 0.540  | SC-05211-S | UG/G  |
| ARSENIC AVERAGE = 6.063 UG/G            |        |        |            |       |
| CHROMIUM                                | 14.600 | 0.550  | SC-05413-S | UG/G  |
|   | 16.500 | 0.540  | SC-05215-S | UG/G  |
|   | 15.000 | 0.530  | SC-05213-S | UG/G  |
|   | 13.800 | 0.550  | SC-05214-S | UG/G  |
|   | 15.800 | 0.560  | SC-05212-S | UG/G  |
|   | 11.400 | 0.620  | SC-05211-S | UG/G  |
| CHROMIUM AVERAGE = 14.517 UG/G          |        |        |            |       |
| LEAD                                    | 14.300 | 0.330  | SC-05413-S | UG/G  |
|   | 13.800 | 0.330  | SC-05215-S | UG/G  |
|   | 8.500  | 0.320  | SC-05213-S | UG/G  |
|   | 13.900 | 0.340  | SC-05214-S | UG/G  |
|   | 10.000 | 0.340  | SC-05212-S | UG/G  |
|   | 9.700  | 0.380  | SC-05211-S | UG/G  |
| LEAD AVERAGE = 11.780 UG/G              |        |        |            |       |
| THALLIUM                                | 0.380  | 0.760  | SC-05413-S | UG/G  |
| THALLIUM AVERAGE = 0.380 UG/G           |        |        |            |       |

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## CU052 DATA REPORT (CONTINUED)

| PARAMETER                                | CONC   | DL    | LOCATION     | UNITS |
|--|--------|-------|--------------|-------|
| <b>RADIUM-226</b>                        |        |       |              |       |
|  | 2.111  | 0.230 | SC-05211-S   | PCI/G |
|  | 1.998  | 0.310 | SC-05215-S   | PCI/G |
|  | 2.157  | 0.280 | SC-05214-S   | PCI/G |
|  | 2.043  | 0.390 | SC-05213-S   | PCI/G |
|  | 2.111  | 0.300 | SC-05212-S   | PCI/G |
|  | 1.725  | 0.290 | SC-05413-S   | PCI/G |
| <b>RADIUM-226 AVERAGE = 2.024 PCI/G</b>  |        |       |              |       |
| <b>RADIUM-228</b>                        |        |       |              |       |
|  | 1.110  | 0.220 | SC-05211-S   | PCI/G |
|  | 1.240  | 0.300 | SC-05212-S   | PCI/G |
|  | 1.470  | 0.470 | SC-05213-S   | PCI/G |
|  | 1.480  | 0.390 | SC-05214-S   | PCI/G |
|  | 0.385  | 0.770 | SC-05215-S   | PCI/G |
|  | 1.350  | 0.390 | SC-05413-S   | PCI/G |
| <b>RADIUM-228 AVERAGE = 1.173 PCI/G</b>  |        |       |              |       |
| <b>THORIUM-230</b>                       |        |       |              |       |
|  | 0.790  | 0.720 | SC-05211-S   | PCI/G |
|  | 1.200  | 0.720 | SC-05215-S   | PCI/G |
|  | 0.710  | 0.720 | SC-05214-S   | PCI/G |
|  | 0.900  | 0.720 | SC-05213-S   | PCI/G |
|  | 0.890  | 0.720 | SC-05212-S   | PCI/G |
|  | 0.830  | 0.720 | SC-05413-S   | PCI/G |
| <b>THORIUM-230 AVERAGE = 0.887 PCI/G</b> |        |       |              |       |
| <b>URANIUM-238</b>                       |        |       |              |       |
|  | 1.970  | 3.940 | SC-05220-S ✓ | PCI/G |
|  | 1.605  | 3.210 | SC-05219-S ✓ | PCI/G |
|  | 1.900  | 3.800 | SC-05218-S ✓ | PCI/G |
|  | 3.800  | 2.750 | SC-05217-S ✓ | PCI/G |
|  | 2.070  | 4.140 | SC-05216-S ✓ | PCI/G |
|  | 1.655  | 3.310 | SC-05215-S ✓ | PCI/G |
|  | 1.555  | 3.110 | SC-05214-S ✓ | PCI/G |
|  | 3.220  | 2.570 | SC-05213-S ✓ | PCI/G |
|  | 5.240  | 2.400 | SC-05212-S ✓ | PCI/G |
|  | 3.530  | 3.480 | SC-05210-S ✓ | PCI/G |
|  | 2.190  | 4.380 | SC-05209-S ✓ | PCI/G |
|  | 4.700  | 2.630 | SC-05208-S ✓ | PCI/G |
|  | 1.585  | 3.170 | SC-05207-S ✓ | PCI/G |
|  | 1.860  | 2.040 | SC-05205-S ✓ | PCI/G |
|  | 1.520  | 3.040 | SC-05204-S ✓ | PCI/G |
|  | 1.850  | 3.700 | SC-05203-S ✓ | PCI/G |
|  | 1.560  | 3.120 | SC-05202-S ✓ | PCI/G |
|  | 23.470 | 3.070 | SC-06117-S ✓ | PCI/G |
|  | 3.030  | 2.170 | SC-05211-S ✓ | PCI/G |
|  | 2.320  | 3.240 | SC-05206-S ✓ | PCI/G |
|  | 2.095  | 4.190 | SC-05201-S ✓ | PCI/G |
|  | 13.860 | 4.610 | SC-05407-S ✓ | PCI/G |
|  | 1.475  | 2.950 | SC-05413-S ✓ | PCI/G |
|  | 2.015  | 4.030 | SC-05419-S ✓ | PCI/G |
|  | 1.480  | 2.960 | SC-06017-S ✓ | PCI/G |
|  | 1.655  | 3.310 | SC-06118-S ✓ | PCI/G |
|  | 2.190  | 4.380 | SC-06119-S ✓ | PCI/G |
|  | 1.925  | 3.850 | SC-06120-S ✓ | PCI/G |
| <b>URANIUM-238 AVERAGE = 3.476 PCI/G</b> |        |       |              |       |

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 10/25/96 3. Review Form #: 96-090  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU057 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☒ Th-232 ☒ Ra-226 ☒ Ra-228  
☒ TNT ☒ PCB ☒ PAH ☒ As ☒ Cr ☒ Pb ☒ Ti

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter  | Size | Concentration | Complies with Plan?                                      |
|------------|------|---------------|--|
| <u>N/A</u> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: Melvin A. [Signature] Date: 10/25/96

12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

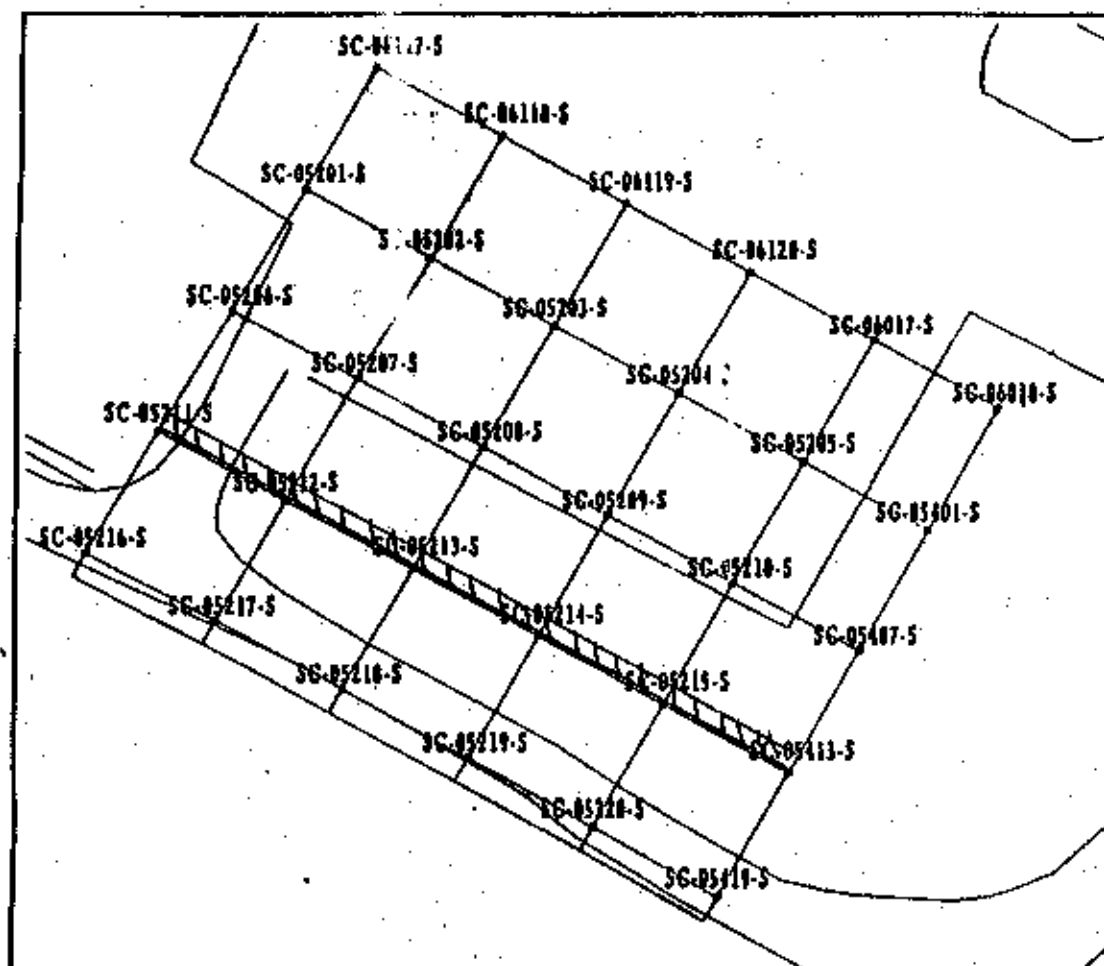
SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: [Signature] Date: 10/25/96  
15. DOE Project Manager/Engineer: Thomas C. [Signature] Date: 10/25/96  
16. Project Manager: Joseph P. [Signature] Date: 10/25/96  
17. Construction Engineer: Joseph P. [Signature] Date: 10/25/96

SEE ATTACHED RESULTS AND MAP

Note: This CU was released as a partial on 09/25/96.  
See Permit Form 96-011P.



Utility Trench

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Permit Form 96-090

# Sample Locations in Remedial Unit RU00 Confirmation Unit CU052

Figure B-33

|                            |                                 |
|----------------------------|---------------------------------|
| PERMIT NO.: A/CPI/115/1295 | REPORT NO.: DOE/OR/21548-590    |
| ORIGINATOR: MGL            | DRAWN BY: WSSRAP GIS DATE: 3/96 |

10/25/96

PAGE 1

## CU052 DATA REPORT

| PARAMETER                               | CONC   | DL     | LOCATION   | UNITS |
|---|--------|--------|------------|-------|
| PCB (6 SAMPLES)                         |        |        |            |       |
|   | 0.000  | 44.000 | SC-05211-S | UG/KG |
|   | 0.000  | 40.000 | SC-05212-S | UG/KG |
|   | 0.000  | 38.000 | SC-05213-S | UG/KG |
|   | 0.000  | 40.000 | SC-05214-S | UG/KG |
|   | 0.000  | 39.000 | SC-05215-S | UG/KG |
|   | 0.000  | 40.000 | SC-05413-S | UG/KG |
| PCB AVERAGE = NA                        |        |        |            |       |
| PAH (1 SAMPLE)                          | 28.000 | NA     | SC-05413-S | UG/KG |
| PAH AVERAGE = 28.00 UG/KG (0.028 MG/KG) |        |        |            |       |
| ARSENIC (6 SAMPLES)                     |        |        |            |       |
|   | 7.800  | 0.480  | SC-05413-S | UG/G  |
|   | 9.000  | 0.470  | SC-05215-S | UG/G  |
|   | 5.000  | 0.460  | SC-05213-S | UG/G  |
|   | 4.000  | 0.480  | SC-05214-S | UG/G  |
|   | 6.200  | 0.480  | SC-05212-S | UG/G  |
|   | 4.500  | 0.540  | SC-05211-S | UG/G  |
| ARSENIC AVERAGE = 6.083 UG/G            |        |        |            |       |
| CHROMIUM (6 SAMPLES)                    |        |        |            |       |
|   | 14.600 | 0.590  | SC-05413-S | UG/G  |
|   | 16.500 | 0.540  | SC-05215-S | UG/G  |
|   | 15.000 | 0.530  | SC-05213-S | UG/G  |
|   | 13.800 | 0.590  | SC-05214-S | UG/G  |
|   | 15.800 | 0.560  | SC-05212-S | UG/G  |
|   | 11.400 | 0.620  | SC-05211-S | UG/G  |
| CHROMIUM AVERAGE = 14.517 UG/G          |        |        |            |       |
| LEAD (6 SAMPLES)                        |        |        |            |       |
|   | 14.300 | 0.330  | SC-05413-S | UG/G  |
|   | 13.800 | 0.330  | SC-05215-S | UG/G  |
|   | 8.500  | 0.320  | SC-05213-S | UG/G  |
|   | 13.900 | 0.340  | SC-05214-S | UG/G  |
|   | 10.000 | 0.340  | SC-05212-S | UG/G  |
|   | 9.700  | 0.380  | SC-05211-S | UG/G  |
| LEAD AVERAGE = 11.700 UG/G              |        |        |            |       |
| THALLIUM (1 SAMPLE)                     | 0.380  | 0.760  | SC-05413-S | UG/G  |
| THALLIUM AVERAGE = 0.380 UG/G           |        |        |            |       |

10/25/96

PAGE 2

## CURS2 DATA REPORT (CONTINUED)

| PARAMETER                         | CONC   | DL    | LOCATION   | UNITS |
|-----------------------------------|--------|-------|------------|-------|
| RADIUM-226 (6 SAMPLES)            |        |       |            |       |
|                                   | 2.111  | 0.230 | SC-05211-S | PCU/G |
|                                   | 1.998  | 0.310 | SC-05215-S | PCU/G |
|                                   | 2.157  | 0.280 | SC-05214-S | PCU/G |
|                                   | 2.043  | 0.390 | SC-05213-S | PCU/G |
|                                   | 2.111  | 0.300 | SC-05212-S | PCU/G |
|                                   | 1.725  | 0.290 | SC-05413-S | PCU/G |
| RADIUM-226 AVERAGE = 2.024 PCU/G  |        |       |            |       |
| RADIUM-228 (6 SAMPLES)            |        |       |            |       |
|                                   | 1.110  | 0.220 | SC-05211-S | PCU/G |
|                                   | 1.240  | 0.500 | SC-05212-S | PCU/G |
|                                   | 1.470  | 0.470 | SC-05213-S | PCU/G |
|                                   | 1.480  | 0.390 | SC-05214-S | PCU/G |
|                                   | 0.385  | 0.770 | SC-05215-S | PCU/G |
|                                   | 1.350  | 0.390 | SC-05413-S | PCU/G |
| RADIUM-228 AVERAGE = 1.173 PCU/G  |        |       |            |       |
| THORIUM-230 (6 SAMPLES)           |        |       |            |       |
|                                   | 0.790  | 0.720 | SC-05211-S | PCU/G |
|                                   | 1.200  | 0.720 | SC-05215-S | PCU/G |
|                                   | 0.710  | 0.720 | SC-05214-S | PCU/G |
|                                   | 0.900  | 0.720 | SC-05213-S | PCU/G |
|                                   | 0.890  | 0.720 | SC-05212-S | PCU/G |
|                                   | 0.830  | 0.720 | SC-05413-S | PCU/G |
| THORIUM-230 AVERAGE = 0.887 PCU/G |        |       |            |       |
| URANIUM-238 (30 SAMPLES)          |        |       |            |       |
|                                   | 1.970  | 3.940 | SC-05220-S | PCU/G |
|                                   | 1.605  | 3.210 | SC-05219-S | PCU/G |
|                                   | 1.900  | 3.800 | SC-05218-S | PCU/G |
|                                   | 3.800  | 2.750 | SC-05217-S | PCU/G |
|                                   | 2.070  | 4.140 | SC-05216-S | PCU/G |
|                                   | 1.655  | 3.310 | SC-05215-S | PCU/G |
|                                   | 1.555  | 3.110 | SC-05214-S | PCU/G |
|                                   | 3.220  | 2.570 | SC-05213-S | PCU/G |
|                                   | 5.240  | 2.400 | SC-05212-S | PCU/G |
|                                   | 3.530  | 3.480 | SC-05210-S | PCU/G |
|                                   | 2.190  | 4.380 | SC-05209-S | PCU/G |
|                                   | 4.700  | 2.630 | SC-05208-S | PCU/G |
|                                   | 1.585  | 3.170 | SC-05207-S | PCU/G |
|                                   | 1.860  | 2.040 | SC-05205-S | PCU/G |
|                                   | 1.520  | 3.040 | SC-05204-S | PCU/G |
|                                   | 1.850  | 3.700 | SC-05203-S | PCU/G |
|                                   | 1.560  | 3.120 | SC-05202-S | PCU/G |
|                                   | 23.470 | 3.070 | SC-06117-S | PCU/G |
|                                   | 3.030  | 2.170 | SC-05211-S | PCU/G |
|                                   | 2.320  | 3.240 | SC-05206-S | PCU/G |
|                                   | 2.095  | 4.190 | SC-05201-S | PCU/G |
|                                   | 13.860 | 4.610 | SC-05407-S | PCU/G |
|                                   | 1.475  | 2.950 | SC-05413-S | PCU/G |
|                                   | 2.015  | 4.030 | SC-05419-S | PCU/G |
|                                   | 1.480  | 2.960 | SC-06017-S | PCU/G |
|                                   | 1.655  | 3.310 | SC-06118-S | PCU/G |
|                                   | 2.190  | 4.380 | SC-06119-S | PCU/G |
|                                   | 1.925  | 3.850 | SC-06120-S | PCU/G |
|                                   | 5.000  | 3.730 | SC-05401-S | PCU/G |
|                                   | 1.575  | 3.150 | SC-06018-S | PCU/G |
| URANIUM-238 AVERAGE = 3.463 PCU/G |        |       |            |       |

# PARTIAL CONFIRMATION UNIT RELEASE FORM

ES&H-1.2.1.3/96

## SECTION I

1. Work Package Number: W0420      2. Date: 9.25.96      3. Review Form No.: 96-0129

4. Remediation Unit Number: RU007      5. CU Number (see attached map for partial CU location): CU054

6. Contaminants of Concern: ☒ U238    ☒ Th230    ☐ Th232    ☒ RA226    ☒ Ra228    ☐ TNT  
    ☐ TI            ☒ PCB            ☒ PAH            ☒ As            ☒ Cr            ☒ Pb

7. Number of Locations Sampled: 28

8. Total Number of Locations within CU: 35

9. Any results exceed criteria?                      ☐ Yes (requires additional remediation)                      ☒ No

10. Results average below ALARA goals?            ☒ Yes                      ☐ No (requires additional remediation)

11. Reviewer: Mel A. Saly                      Date: 09/25/96

12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use                      ☐ Additional Excavation Required

## SECTION II

I, DANIEL E. HOFFMAN, agree with the above recommendation for this partial CU.

ALARA Committee Chairman: [Signature]

Date: 9/25/96

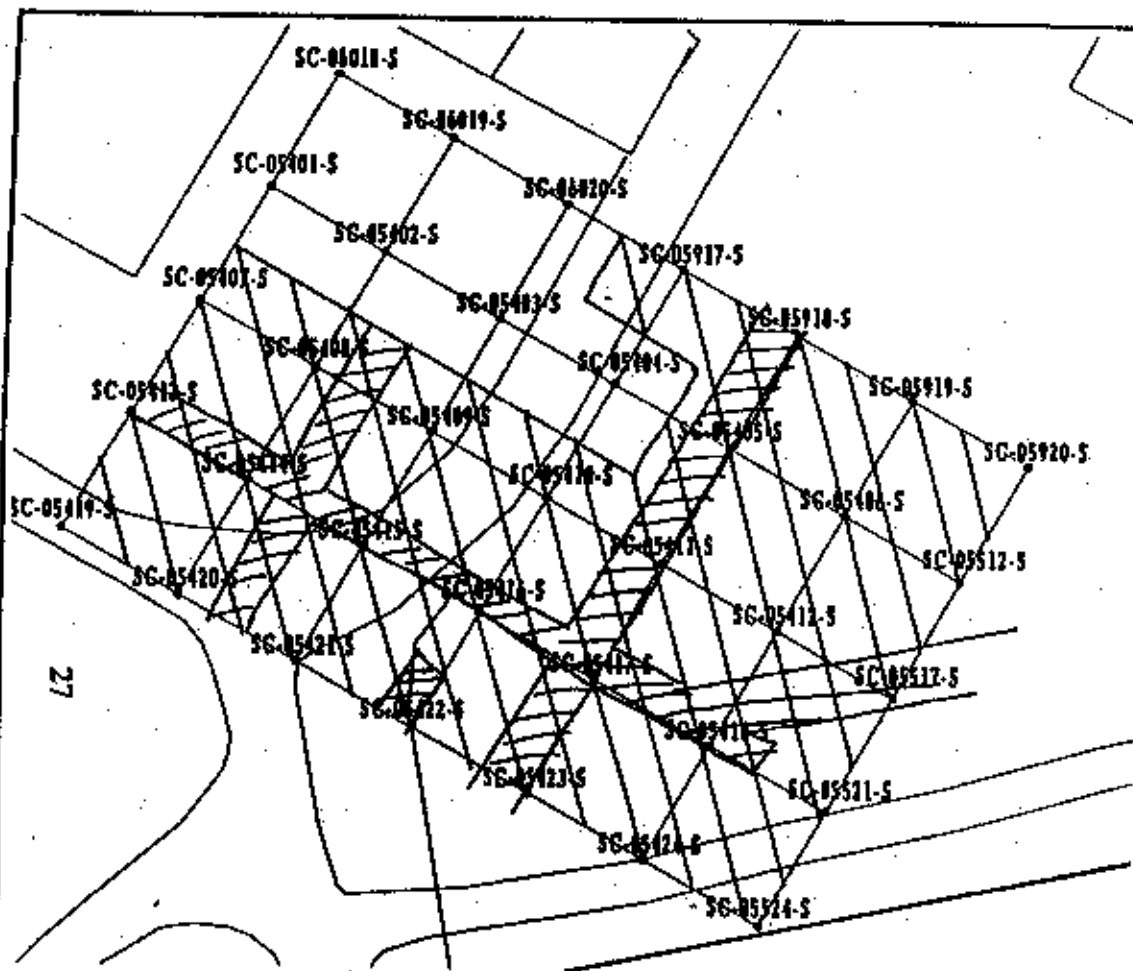
## SECTION III

Project Manager: [Signature]

Date: 9/25/96

Construction Engineer: Daniel L. Cappe

Date: 9/25/96



Partial Oil being released  
Utility Trenches

Review Form #96-012P

Sample Locations in Remedial Unit RU007  
Confirmation Unit CU054

Figure B-35

|                            |                                 |
|----------------------------|---------------------------------|
| EXHIBIT NO.: AICP/117/1295 | REPORT NO.: DOE/OE/21540-590    |
| ORIGINATOR: MGL            | DRAWN BY: WSSRAP GIS DATE: 3/96 |

09/25/96

PAGE 1

## CU054 DATA REPORT

| PARAMETER               | CONC      | DL      | LOCATION   | UNITS |
|-------------------------|-----------|---------|------------|-------|
| <b>PCB (18 SAMPLES)</b> |           |         |            |       |
|                         | 0.000     | 41.000  | SC-05405-S | UG/KG |
|                         | 0.000     | 43.000  | SC-05408-S | UG/KG |
|                         | 0.000     | 41.000  | SC-05411-S | UG/KG |
|                         | 0.000     | 40.000  | SC-05412-S | UG/KG |
|                         | 0.000     | 40.000  | SC-05413-S | UG/KG |
|                         | 0.000     | 40.000  | SC-05414-S | UG/KG |
|                         | 0.000     | 40.000  | SC-05415-S | UG/KG |
|                         | 77.000    | 40.000  | SC-05416-S | UG/KG |
|                         | 0.000     | 41.000  | SC-05417-S | UG/KG |
|                         | 0.000     | 41.000  | SC-05418-S | UG/KG |
|                         | 1,900.000 | 430.000 | SC-05422-S | UG/KG |
|                         | 0.000     | 40.000  | SC-05423-S | UG/KG |
|                         | 0.000     | 38.000  | SC-05424-S | UG/KG |
|                         | 0.000     | 37.000  | SC-05512-S | UG/KG |
|                         | 300.000   | 36.000  | SC-05517-S | UG/KG |
|                         | 430.000   | 39.000  | SC-05521-S | UG/KG |
|                         | 720.000   | 39.000  | SC-05524-S | UG/KG |
|                         | 0.000     | 42.000  | SC-05918-S | UG/KG |

PCB AVERAGE = 180.368 UG/KG (0.180 MG/KG)

| PARAMETER               | CONC    | DL | LOCATION   | UNITS |
|-------------------------|---------|----|------------|-------|
| <b>PAH (17 SAMPLES)</b> |         |    |            |       |
|                         | 21.000  | NA | SC-05524-S | UG/KG |
|                         | 32.000  | NA | SC-05517-S | UG/KG |
|                         | 6.800   | NA | SC-05512-S | UG/KG |
|                         | 44.000  | NA | SC-05521-S | UG/KG |
|                         | 20.000  | NA | SC-05424-S | UG/KG |
|                         | 0.000   | NA | SC-05422-S | UG/KG |
|                         | 8.100   | NA | SC-05405-S | UG/KG |
|                         | 10.000  | NA | SC-05408-S | UG/KG |
|                         | 0.000   | NA | SC-05411-S | UG/KG |
|                         | 0.000   | NA | SC-05412-S | UG/KG |
|                         | 28.000  | NA | SC-05413-S | UG/KG |
|                         | 28.000  | NA | SC-05414-S | UG/KG |
|                         | 260.000 | NA | SC-05416-S | UG/KG |
|                         | 10.000  | NA | SC-05423-S | UG/KG |
|                         | 14.000  | NA | SC-05415-S | UG/KG |
|                         | 389.000 | NA | SC-05418-S | UG/KG |
|                         | 0.000   | NA | SC-05417-S | UG/KG |

PAH AVERAGE = 51.229 UG/KG (0.051 MG/KG)

09/25/96

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## CU054 DATA REPORT (CONTINUED)

| PARAMETER | CONC | DL | LOCATION | UNITS |
|-----------|------|----|----------|-------|
|-----------|------|----|----------|-------|

## ARSENIC (13 SAMPLES)

|       |       |            |      |
|-------|-------|------------|------|
| 1.800 | 0.490 | SC-05417-S | UG/G |
| 3.100 | 0.490 | SC-05418-S | UG/G |
| 7.300 | 0.480 | SC-05423-S | UG/G |
| 7.300 | 0.480 | SC-05415-S | UG/G |
| 5.200 | 0.490 | SC-05416-S | UG/G |
| 6.200 | 0.480 | SC-05414-S | UG/G |
| 7.800 | 0.480 | SC-05413-S | UG/G |
| 6.400 | 0.480 | SC-05412-S | UG/G |
| 9.400 | 0.490 | SC-05411-S | UG/G |
| 8.000 | 0.510 | SC-05408-S | UG/G |
| 7.800 | 0.500 | SC-05405-S | UG/G |
| 4.500 | 0.510 | SC-05422-S | UG/G |
| 7.500 | 0.510 | SC-05918-S | UG/G |

ARSENIC AVERAGE = 6.331 UG/G

## CHROMIUM (13 SAMPLES)

|        |       |            |      |
|--------|-------|------------|------|
| 10.300 | 0.580 | SC-05918-S | UG/G |
| 13.800 | 0.570 | SC-05417-S | UG/G |
| 17.700 | 0.550 | SC-05423-S | UG/G |
| 11.600 | 0.560 | SC-05418-S | UG/G |
| 14.400 | 0.550 | SC-05415-S | UG/G |
| 15.600 | 0.560 | SC-05416-S | UG/G |
| 17.100 | 0.550 | SC-05414-S | UG/G |
| 14.600 | 0.550 | SC-05413-S | UG/G |
| 14.400 | 0.560 | SC-05412-S | UG/G |
| 15.800 | 0.570 | SC-05411-S | UG/G |
| 11.200 | 0.590 | SC-05408-S | UG/G |
| 15.400 | 0.570 | SC-05405-S | UG/G |
| 7.800  | 0.590 | SC-05422-S | UG/G |

CHROMIUM AVERAGE = 13.823 UG/G

## LEAD (13 SAMPLES)

|        |       |            |      |
|--------|-------|------------|------|
| 14.200 | 0.340 | SC-05423-S | UG/G |
| 9.500  | 0.340 | SC-05417-S | UG/G |
| 8.700  | 0.340 | SC-05418-S | UG/G |
| 11.900 | 0.340 | SC-05415-S | UG/G |
| 11.000 | 0.340 | SC-05416-S | UG/G |
| 12.400 | 0.330 | SC-05414-S | UG/G |
| 14.300 | 0.330 | SC-05413-S | UG/G |
| 10.900 | 0.340 | SC-05412-S | UG/G |
| 18.900 | 0.360 | SC-05408-S | UG/G |
| 18.800 | 0.340 | SC-05411-S | UG/G |
| 12.300 | 0.350 | SC-05405-S | UG/G |
| 8.500  | 0.360 | SC-05422-S | UG/G |
| 15.100 | 0.350 | SC-05918-S | UG/G |

LEAD AVERAGE = 12.762 UG/G

## CUD54 DATA REPORT (CONTINUED)

| PARAMETER                        | CONC  | DL    | LOCATION   | UNITS |
|----------------------------------|-------|-------|------------|-------|
| THALLIUM (13 SAMPLES)            |       |       |            |       |
|                                  | 0.405 | 0.810 | SC-05918-S | UG/G  |
|                                  | 0.395 | 0.790 | SC-05417-S | UG/G  |
|                                  | 0.385 | 0.770 | SC-05423-S | UG/G  |
|                                  | 0.390 | 0.780 | SC-05418-S | UG/G  |
|                                  | 0.385 | 0.770 | SC-05415-S | UG/G  |
|                                  | 0.390 | 0.780 | SC-05416-S | UG/G  |
|                                  | 0.380 | 0.760 | SC-05413-S | UG/G  |
|                                  | 0.380 | 0.760 | SC-05414-S | UG/G  |
|                                  | 0.385 | 0.770 | SC-05412-S | UG/G  |
|                                  | 0.410 | 0.820 | SC-05408-S | UG/G  |
|                                  | 0.395 | 0.790 | SC-05411-S | UG/G  |
|                                  | 0.395 | 0.790 | SC-05405-S | UG/G  |
|                                  | 0.410 | 0.820 | SC-05422-S | UG/G  |
| THALLIUM AVERAGE = 0.393 PCU/G   |       |       |            |       |
| RADIUM-226 (13 SAMPLES)          |       |       |            |       |
|                                  | 1.839 | 0.240 | SC-05918-S | PCU/G |
|                                  | 2.043 | 0.280 | SC-05405-S | PCU/G |
|                                  | 1.952 | 0.270 | SC-05423-S | PCU/G |
|                                  | 1.112 | 0.400 | SC-05422-S | PCU/G |
|                                  | 1.861 | 0.250 | SC-05418-S | PCU/G |
|                                  | 1.498 | 0.300 | SC-05417-S | PCU/G |
|                                  | 1.884 | 0.330 | SC-05416-S | PCU/G |
|                                  | 1.771 | 0.210 | SC-05415-S | PCU/G |
|                                  | 1.930 | 0.250 | SC-05414-S | PCU/G |
|                                  | 1.725 | 0.290 | SC-05413-S | PCU/G |
|                                  | 2.338 | 0.300 | SC-05412-S | PCU/G |
|                                  | 2.066 | 0.300 | SC-05411-S | PCU/G |
|                                  | 1.907 | 0.420 | SC-05408-S | PCU/G |
| RADIUM-226 AVERAGE = 1.840 PCU/G |       |       |            |       |
| RADIUM-228 (13 SAMPLES)          |       |       |            |       |
|                                  | 1.460 | 0.330 | SC-05918-S | PCU/G |
|                                  | 1.280 | 0.560 | SC-05405-S | PCU/G |
|                                  | 1.650 | 0.490 | SC-05408-S | PCU/G |
|                                  | 0.565 | 1.130 | SC-05412-S | PCU/G |
|                                  | 0.575 | 1.150 | SC-05411-S | PCU/G |
|                                  | 1.350 | 0.390 | SC-05413-S | PCU/G |
|                                  | 1.340 | 0.410 | SC-05414-S | PCU/G |
|                                  | 1.290 | 0.530 | SC-05416-S | PCU/G |
|                                  | 1.030 | 0.480 | SC-05415-S | PCU/G |
|                                  | 1.130 | 0.390 | SC-05417-S | PCU/G |
|                                  | 1.290 | 0.420 | SC-05418-S | PCU/G |
|                                  | 1.510 | 0.430 | SC-05422-S | PCU/G |
|                                  | 1.020 | 0.540 | SC-05423-S | PCU/G |
| RADIUM-228 AVERAGE = 1.192 PCU/G |       |       |            |       |

## CU054 DATA REPORT (CONTINUED)

| PARAMETER                         | CONC  | DL    | LOCATION   | UNITS |
|-----------------------------------|-------|-------|------------|-------|
| THORIUM-230 (18 SAMPLES)          |       |       |            |       |
|                                   | 2.430 | 2.270 | SC-05918-S | PCI/G |
|                                   | 2.910 | 2.270 | SC-05924-S | PCI/G |
|                                   | 2.400 | 2.270 | SC-05517-S | PCI/G |
|                                   | 2.890 | 2.270 | SC-05521-S | PCI/G |
|                                   | 2.620 | 2.270 | SC-05512-S | PCI/G |
|                                   | 0.760 | 0.720 | SC-05405-S | PCI/G |
|                                   | 0.900 | 0.720 | SC-05423-S | PCI/G |
|                                   | 0.690 | 0.720 | SC-05422-S | PCI/G |
|                                   | 1.230 | 0.720 | SC-05424-S | PCI/G |
|                                   | 0.880 | 0.720 | SC-05418-S | PCI/G |
|                                   | 0.960 | 0.720 | SC-05417-S | PCI/G |
|                                   | 1.000 | 0.720 | SC-05416-S | PCI/G |
|                                   | 1.370 | 0.720 | SC-05415-S | PCI/G |
|                                   | 0.800 | 0.720 | SC-05414-S | PCI/G |
|                                   | 0.830 | 0.720 | SC-05413-S | PCI/G |
|                                   | 0.940 | 0.720 | SC-05412-S | PCI/G |
|                                   | 1.100 | 0.720 | SC-05411-S | PCI/G |
|                                   | 1.120 | 0.720 | SC-05408-S | PCI/G |
| THORIUM-230 AVERAGE = 1.435 PCI/G |       |       |            |       |

|                                   |        |       |            |       |
|-----------------------------------|--------|-------|------------|-------|
| URANIUM-238 (28 SAMPLES)          |        |       |            |       |
|                                   | 25.500 | 3.290 | SC-05920-S | PCI/G |
|                                   | 3.790  | 2.990 | SC-05524-S | PCI/G |
|                                   | 4.870  | 4.170 | SC-05521-S | PCI/G |
|                                   | 3.580  | 2.850 | SC-05919-S | PCI/G |
|                                   | 1.395  | 2.790 | SC-05918-S | PCI/G |
|                                   | 1.640  | 2.470 | SC-05512-S | PCI/G |
|                                   | 2.350  | 3.630 | SC-05917-S | PCI/G |
|                                   | 5.560  | 3.090 | SC-05517-S | PCI/G |
|                                   | 7.920  | 3.680 | SC-05405-S | PCI/G |
|                                   | 4.360  | 2.910 | SC-05406-S | PCI/G |
|                                   | 13.860 | 4.610 | SC-05407-S | PCI/G |
|                                   | 1.970  | 3.940 | SC-05408-S | PCI/G |
|                                   | 1.405  | 2.810 | SC-05409-S | PCI/G |
|                                   | 2.085  | 4.170 | SC-05410-S | PCI/G |
|                                   | 2.025  | 4.050 | SC-05411-S | PCI/G |
|                                   | 1.835  | 3.670 | SC-05412-S | PCI/G |
|                                   | 1.475  | 2.950 | SC-05413-S | PCI/G |
|                                   | 1.450  | 2.900 | SC-05414-S | PCI/G |
|                                   | 4.400  | 3.930 | SC-05415-S | PCI/G |
|                                   | 2.090  | 4.180 | SC-05416-S | PCI/G |
|                                   | 1.445  | 2.890 | SC-05417-S | PCI/G |
|                                   | 1.565  | 3.130 | SC-05418-S | PCI/G |
|                                   | 2.015  | 4.090 | SC-05419-S | PCI/G |
|                                   | 1.490  | 2.980 | SC-05420-S | PCI/G |
|                                   | 1.925  | 3.850 | SC-05421-S | PCI/G |
|                                   | 1.855  | 3.710 | SC-05422-S | PCI/G |
|                                   | 4.810  | 2.160 | SC-05423-S | PCI/G |
|                                   | 1.760  | 2.270 | SC-05424-S | PCI/G |
| URANIUM-238 AVERAGE = 3.944 PCI/G |        |       |            |       |

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

Page 1 of 2

SECTION I

1. Work Package Number: WP470 2. Date: 10/25/96 3. Review Form #: 96-089  
Remediation Unit Number: R1007 5. Confirmation Unit Number: C1054 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☒ Th-232 ☒ Ra-226 ☒ Ra-228  
☒ TNT ☒ PCB ☒ PAH ☒ As ☒ Cr ☒ Pb ☒ TI

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter                           | Size | Concentration | Complies with Plan?                                      |
|-------------------------------------|------|---------------|--|
| <input checked="" type="checkbox"/> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input checked="" type="checkbox"/> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input checked="" type="checkbox"/> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input checked="" type="checkbox"/> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

1. Reviewer: Melan O. Smith Date: 10/25/96

2. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

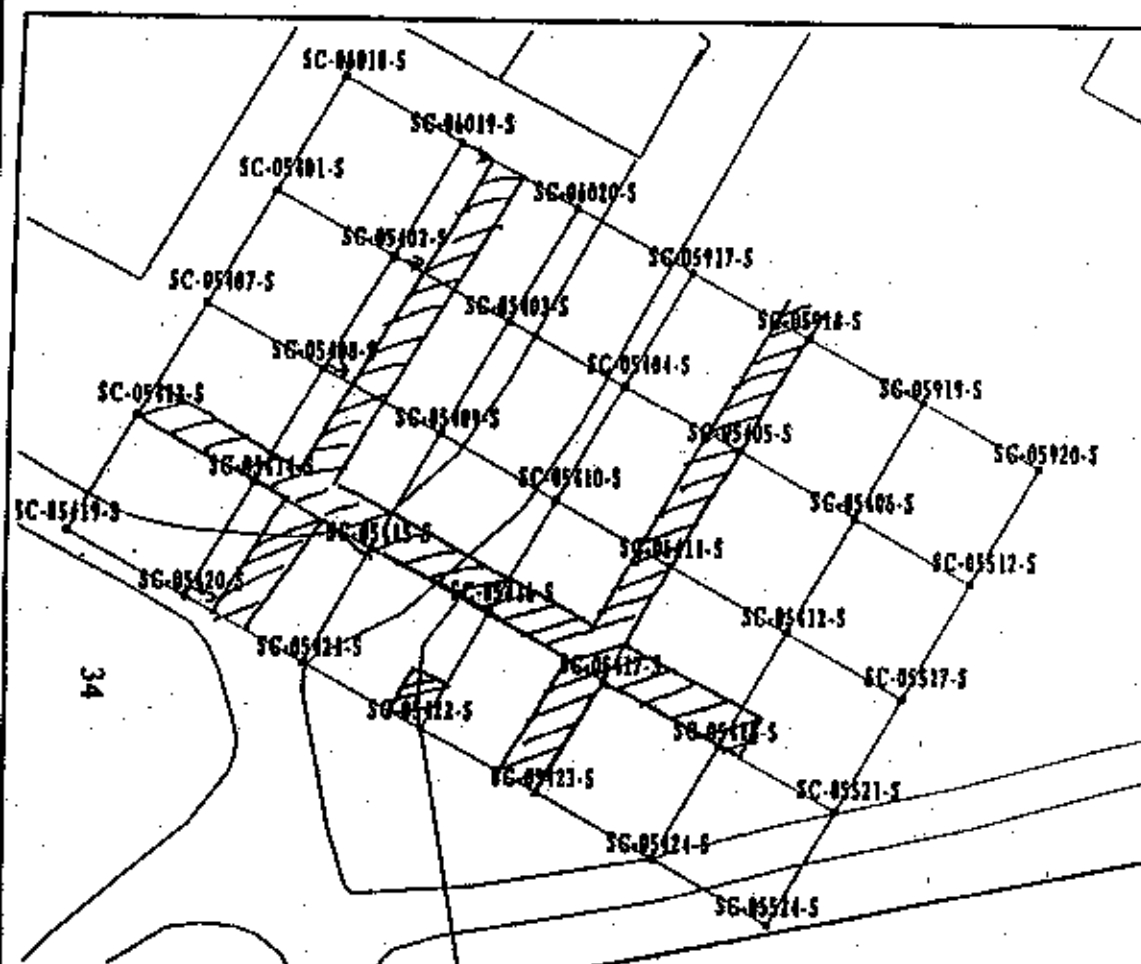
SECTION II

Results are ALARA. CU is released for unrestricted use.

4. ES&H Manager: [Signature] Date: 10/25/96  
15. DOE Project Manager/Engineer: [Signature] Date: 10/25/96  
16. Project Manager: Joseph P. Manning for Gary Boyer Date: 10/25/96  
17. Construction Engineer: Joseph P. Manning for D. Capes Date: 10/25/96

SEE ATTACHED RESULTS AND MAP

Note: This CU was released as a partial  
on 09/25/96. See Review Form # 96-0127.



Utilities

Review Form 96-089

Sample Locations in Remedial Unit RU007  
Confirmation Unit CU054

Figure B-35

|                            |                                 |
|----------------------------|---------------------------------|
| EXHIBIT NO.: AICP/117/1295 | REPORT NO.: DOE/OR/21540-590    |
| ORIGINATOR: MGL            | DRAWN BY: WSSRAP GIS DATE: 3/96 |

## CU054 DATA REPORT

| PARAMETER        | CONC      | DL      | LOCATION   | UNITS |
|------------------|-----------|---------|------------|-------|
| PCB (20 SAMPLES) |           |         |            |       |
|                  | 0.000     | 41.000  | SC-05405-S | UG/KG |
|                  | 0.000     | 43.000  | SC-05408-S | UG/KG |
|                  | 0.000     | 41.000  | SC-05411-S | UG/KG |
|                  | 0.000     | 40.000  | SC-05412-S | UG/KG |
|                  | 0.000     | 40.000  | SC-05413-S | UG/KG |
|                  | 0.000     | 40.000  | SC-05414-S | UG/KG |
|                  | 0.000     | 40.000  | SC-05415-S | UG/KG |
|                  | 77.000    | 40.000  | SC-05416-S | UG/KG |
|                  | 0.000     | 41.000  | SC-05417-S | UG/KG |
|                  | 0.000     | 41.000  | SC-05418-S | UG/KG |
|                  | 1,900.000 | 430.000 | SC-05422-S | UG/KG |
|                  | 0.000     | 40.000  | SC-05423-S | UG/KG |
|                  | 0.000     | 38.000  | SC-05424-S | UG/KG |
|                  | 0.000     | 37.000  | SC-05512-S | UG/KG |
|                  | 300.000   | 36.000  | SC-05517-S | UG/KG |
|                  | 430.000   | 39.000  | SC-05521-S | UG/KG |
|                  | 720.000   | 39.000  | SC-05524-S | UG/KG |
|                  | 0.000     | 42.000  | SC-05918-S | UG/KG |
|                  | 0.000     | 43.000  | SC-05402-S | UG/KG |
|                  | 0.000     | 37.000  | SC-06019-S | UG/KG |

PCB AVERAGE = 162.351 UG/KG (0.162 MG/KG)  
 171.35 0.171 MG/KG 6.197

|                  |         |    |            |       |
|------------------|---------|----|------------|-------|
| PAH (19 SAMPLES) |         |    |            |       |
|                  | 21.000  | NA | SC-05524-S | UG/KG |
|                  | 32.000  | NA | SC-05517-S | UG/KG |
|                  | 6.800   | NA | SC-05512-S | UG/KG |
|                  | 44.000  | NA | SC-05521-S | UG/KG |
|                  | 20.000  | NA | SC-05424-S | UG/KG |
|                  | 0.000   | NA | SC-05422-S | UG/KG |
|                  | 8.100   | NA | SC-05405-S | UG/KG |
|                  | 10.000  | NA | SC-05408-S | UG/KG |
|                  | 0.000   | NA | SC-05411-S | UG/KG |
|                  | 0.000   | NA | SC-05412-S | UG/KG |
|                  | 28.000  | NA | SC-05413-S | UG/KG |
|                  | 28.000  | NA | SC-05414-S | UG/KG |
|                  | 260.000 | NA | SC-05416-S | UG/KG |
|                  | 10.000  | NA | SC-05423-S | UG/KG |
|                  | 14.000  | NA | SC-05415-S | UG/KG |
|                  | 389.000 | NA | SC-05418-S | UG/KG |
|                  | 0.000   | NA | SC-05417-S | UG/KG |
|                  | 0.000   | NA | SC-05402-S | UG/KG |
|                  | 0.000   | NA | SC-06019-S | UG/KG |

PAH AVERAGE = 45.836 UG/KG (0.046 MG/KG)

10/23/96

PAGE 2

## CU054 DATA REPORT (CONTINUED)

| PARAMETER                             | CONC   | DL    | LOCATION   | UNITS |
|---------------------------------------|--------|-------|------------|-------|
| <b>ARSENIC (15 SAMPLES)</b>           |        |       |            |       |
|                                       | 1.800  | 0.490 | SC-05417-S | UG/G  |
|                                       | 3.100  | 0.490 | SC-05418-S | UG/G  |
|                                       | 7.300  | 0.480 | SC-05423-S | UG/G  |
|                                       | 7.300  | 0.480 | SC-05415-S | UG/G  |
|                                       | 5.200  | 0.490 | SC-05416-S | UG/G  |
|                                       | 6.200  | 0.480 | SC-05414-S | UG/G  |
|                                       | 7.800  | 0.480 | SC-05413-S | UG/G  |
|                                       | 6.400  | 0.480 | SC-05412-S | UG/G  |
|                                       | 9.400  | 0.490 | SC-05411-S | UG/G  |
|                                       | 8.000  | 0.510 | SC-05408-S | UG/G  |
|                                       | 7.800  | 0.500 | SC-05405-S | UG/G  |
|                                       | 4.500  | 0.510 | SC-05422-S | UG/G  |
|                                       | 7.500  | 0.510 | SC-05918-S | UG/G  |
|                                       | 6.200  | 0.470 | SC-05402-S | UG/G  |
|                                       | 5.700  | 0.410 | SC-06019-S | UG/G  |
| <b>ARSENIC AVERAGE = 6.220 UG/G</b>   |        |       |            |       |
| <b>CHROMIUM (15 SAMPLES)</b>          |        |       |            |       |
|                                       | 10.300 | 0.580 | SC-05918-S | UG/G  |
|                                       | 13.800 | 0.570 | SC-05417-S | UG/G  |
|                                       | 17.700 | 0.550 | SC-05423-S | UG/G  |
|                                       | 11.600 | 0.560 | SC-05418-S | UG/G  |
|                                       | 14.400 | 0.550 | SC-05415-S | UG/G  |
|                                       | 15.600 | 0.560 | SC-05416-S | UG/G  |
|                                       | 17.100 | 0.550 | SC-05414-S | UG/G  |
|                                       | 14.600 | 0.550 | SC-05413-S | UG/G  |
|                                       | 14.400 | 0.560 | SC-05412-S | UG/G  |
|                                       | 15.800 | 0.570 | SC-05411-S | UG/G  |
|                                       | 11.200 | 0.590 | SC-05408-S | UG/G  |
|                                       | 15.400 | 0.570 | SC-05405-S | UG/G  |
|                                       | 7.800  | 0.590 | SC-05422-S | UG/G  |
|                                       | 12.500 | 0.390 | SC-05402-S | UG/G  |
|                                       | 13.700 | 0.340 | SC-06019-S | UG/G  |
| <b>CHROMIUM AVERAGE = 13.727 UG/G</b> |        |       |            |       |
| <b>LEAD (15 SAMPLES)</b>              |        |       |            |       |
|                                       | 14.200 | 0.340 | SC-05423-S | UG/G  |
|                                       | 9.500  | 0.340 | SC-05417-S | UG/G  |
|                                       | 8.700  | 0.340 | SC-05418-S | UG/G  |
|                                       | 11.900 | 0.340 | SC-05415-S | UG/G  |
|                                       | 11.000 | 0.340 | SC-05416-S | UG/G  |
|                                       | 12.400 | 0.390 | SC-05414-S | UG/G  |
|                                       | 14.300 | 0.390 | SC-05413-S | UG/G  |
|                                       | 10.900 | 0.340 | SC-05412-S | UG/G  |
|                                       | 18.300 | 0.360 | SC-05408-S | UG/G  |
|                                       | 18.800 | 0.340 | SC-05411-S | UG/G  |
|                                       | 12.300 | 0.350 | SC-05405-S | UG/G  |
|                                       | 8.500  | 0.360 | SC-05422-S | UG/G  |
|                                       | 15.100 | 0.350 | SC-05918-S | UG/G  |
|                                       | 11.000 | 0.210 | SC-05402-S | UG/G  |
|                                       | 9.200  | 0.180 | SC-06019-S | UG/G  |
| <b>LEAD AVERAGE = 12.407 UG/G</b>     |        |       |            |       |

## CU054 DATA REPORT (CONTINUED)

| PARAMETER                        | CONC  | DL    | LOCATION   | UNITS |
|----------------------------------|-------|-------|------------|-------|
| THALLIUM (15 SAMPLES)            |       |       |            |       |
|                                  | 0.405 | 0.810 | SC-05918-S | UG/G  |
|                                  | 0.395 | 0.790 | SC-05417-S | UG/G  |
|                                  | 0.385 | 0.770 | SC-05423-S | UG/G  |
|                                  | 0.390 | 0.780 | SC-05418-S | UG/G  |
|                                  | 0.385 | 0.770 | SC-05415-S | UG/G  |
|                                  | 0.390 | 0.780 | SC-05416-S | UG/G  |
|                                  | 0.380 | 0.760 | SC-05413-S | UG/G  |
|                                  | 0.380 | 0.760 | SC-05414-S | UG/G  |
|                                  | 0.385 | 0.770 | SC-05412-S | UG/G  |
|                                  | 0.410 | 0.820 | SC-05408-S | UG/G  |
|                                  | 0.395 | 0.790 | SC-05411-S | UG/G  |
|                                  | 0.395 | 0.790 | SC-05405-S | UG/G  |
|                                  | 0.410 | 0.820 | SC-05422-S | UG/G  |
|                                  | 1.200 | 0.920 | SC-05402-S | UG/C  |
|                                  | 0.395 | 0.790 | SC-06019-S | UG/G  |
| THALLIUM AVERAGE = 0.447 PCU/G   |       |       |            |       |
| RADIUM-226 (15 SAMPLES)          |       |       |            |       |
|                                  | 1.839 | 0.240 | SC-05918-S | PCU/G |
|                                  | 2.043 | 0.280 | SC-05405-S | PCU/G |
|                                  | 1.952 | 0.270 | SC-05423-S | PCU/G |
|                                  | 1.112 | 0.400 | SC-05422-S | PCU/G |
|                                  | 1.861 | 0.250 | SC-05418-S | PCU/G |
|                                  | 1.498 | 0.300 | SC-05417-S | PCU/G |
|                                  | 1.884 | 0.330 | SC-05416-S | PCU/G |
|                                  | 1.771 | 0.210 | SC-05415-S | PCU/G |
|                                  | 1.930 | 0.250 | SC-05414-S | PCU/G |
|                                  | 1.725 | 0.290 | SC-05413-S | PCU/G |
|                                  | 2.338 | 0.300 | SC-05412-S | PCU/G |
|                                  | 2.066 | 0.300 | SC-05411-S | PCU/G |
|                                  | 1.907 | 0.420 | SC-05408-S | PCU/G |
|                                  | 2.000 | 0.380 | SC-05402-S | PCU/G |
|                                  | 3.040 | 0.300 | SC-06019-S | PCU/G |
| RADIUM-226 AVERAGE = 1.931 PCU/G |       |       |            |       |
| RADIUM-228 (15 SAMPLES)          |       |       |            |       |
|                                  | 1.460 | 0.330 | SC-05918-S | PCU/G |
|                                  | 1.280 | 0.560 | SC-05405-S | PCU/G |
|                                  | 1.650 | 0.490 | SC-05408-S | PCU/G |
|                                  | 0.565 | 1.130 | SC-05412-S | PCU/G |
|                                  | 0.575 | 1.150 | SC-05411-S | PCU/G |
|                                  | 1.350 | 0.390 | SC-05413-S | PCU/G |
|                                  | 1.340 | 0.410 | SC-05414-S | PCU/G |
|                                  | 1.290 | 0.530 | SC-05416-S | PCU/G |
|                                  | 1.030 | 0.480 | SC-05415-S | PCU/G |
|                                  | 1.130 | 0.390 | SC-05417-S | PCU/G |
|                                  | 1.290 | 0.420 | SC-05418-S | PCU/G |
|                                  | 1.510 | 0.430 | SC-05422-S | PCU/G |
|                                  | 1.020 | 0.360 | SC-05423-S | PCU/G |
|                                  | 1.650 | 0.490 | SC-05402-S | PCU/G |
|                                  | 1.400 | 0.490 | SC-06019-S | PCU/G |
| RADIUM-228 AVERAGE = 1.236 PCU/G |       |       |            |       |

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## CU054 DATA REPORT (CONTINUED)

| PARAMETER                | CONC  | DL    | LOCATION   | UNITS |
|--------------------------|-------|-------|------------|-------|
| THORIUM-230 (20 SAMPLES) |       |       |            |       |
|                          | 2.430 | 2.270 | SC-05918-S | PCI/G |
|                          | 2.910 | 2.270 | SC-05524-S | PCI/G |
|                          | 2.400 | 2.270 | SC-05517-S | PCI/G |
|                          | 2.890 | 2.270 | SC-05521-S | PCI/G |
|                          | 2.620 | 2.270 | SC-05512-S | PCI/G |
|                          | 0.760 | 0.720 | SC-05405-S | PCI/G |
|                          | 0.900 | 0.720 | SC-05423-S | PCI/G |
|                          | 0.690 | 0.720 | SC-05422-S | PCI/G |
|                          | 1.230 | 0.720 | SC-05424-S | PCI/G |
|                          | 0.880 | 0.720 | SC-05418-S | PCI/G |
|                          | 0.960 | 0.720 | SC-05417-S | PCI/G |
|                          | 1.000 | 0.720 | SC-05416-S | PCI/G |
|                          | 1.370 | 0.720 | SC-05415-S | PCI/G |
|                          | 0.800 | 0.720 | SC-05414-S | PCI/G |
|                          | 0.830 | 0.720 | SC-05413-S | PCI/G |
|                          | 0.940 | 0.720 | SC-05412-S | PCI/G |
|                          | 1.100 | 0.720 | SC-05411-S | PCI/G |
|                          | 1.120 | 0.720 | SC-05408-S | PCI/G |
|                          | 0.800 | 0.720 | SC-05402-S | PCI/G |
|                          | 0.860 | 0.720 | SC-06019-S | PCI/G |

THORIUM-230 AVERAGE = 1.375 PCI/G

## URANIUM-238 (35 SAMPLES)

|        |       |            |       |
|--------|-------|------------|-------|
| 25.500 | 3.290 | SC-05920-S | PCI/G |
| 3.790  | 2.990 | SC-05524-S | PCI/G |
| 4.870  | 4.170 | SC-05521-S | PCI/G |
| 3.580  | 2.850 | SC-05919-S | PCI/G |
| 1.395  | 2.790 | SC-05918-S | PCI/G |
| 1.640  | 2.470 | SC-05512-S | PCI/G |
| 2.350  | 3.630 | SC-05917-S | PCI/G |
| 5.560  | 3.090 | SC-05517-S | PCI/G |
| 7.920  | 3.680 | SC-05405-S | PCI/G |
| 4.360  | 2.910 | SC-05406-S | PCI/G |
| 13.860 | 4.610 | SC-05407-S | PCI/G |
| 1.970  | 3.940 | SC-05408-S | PCI/G |
| 1.405  | 2.810 | SC-05409-S | PCI/G |
| 2.085  | 4.170 | SC-05410-S | PCI/G |
| 2.025  | 4.050 | SC-05411-S | PCI/G |
| 1.835  | 3.670 | SC-05412-S | PCI/G |
| 1.475  | 2.950 | SC-05413-S | PCI/G |
| 1.430  | 2.900 | SC-05414-S | PCI/G |
| 4.400  | 3.930 | SC-05415-S | PCI/G |
| 2.090  | 4.180 | SC-05416-S | PCI/G |
| 1.445  | 2.890 | SC-05417-S | PCI/G |
| 1.565  | 3.130 | SC-05418-S | PCI/G |
| 2.015  | 4.030 | SC-05419-S | PCI/G |
| 1.490  | 2.980 | SC-05420-S | PCI/G |
| 1.925  | 3.850 | SC-05421-S | PCI/G |
| 1.855  | 3.710 | SC-05422-S | PCI/G |
| 4.810  | 2.160 | SC-05423-S | PCI/G |
| 1.760  | 2.270 | SC-05424-S | PCI/G |
| 5.000  | 3.730 | SC-05401-S | PCI/G |
| 1.575  | 3.150 | SC-06018-S | PCI/G |
| 1.925  | 3.850 | SC-06020-S | PCI/G |
| 1.940  | 3.880 | SC-05404-S | PCI/G |
| 1.525  | 3.050 | SC-05403-S | PCI/G |
| 4.130  | 2.310 | SC-06019-S | PCI/G |
| 4.530  | 2.430 | SC-05402-S | PCI/G |

URANIUM-238 AVERAGE = 3.745 PCI/G

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP 420 2. Date: 08-30-96 3. Review Form #: 96-050  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU055 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☐ Th-232 ☐ Ra-226 ☐ Ra-228  
☐ TNT ☒ PCB ☒ PAH ☐ As ☐ Cr ☐ Pb ☐ Ti

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter | Size | Concentration | Complies with Plan?                                      |
|-----------|------|---------------|--|
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: Melinda St. Louis Date: 08/30/96

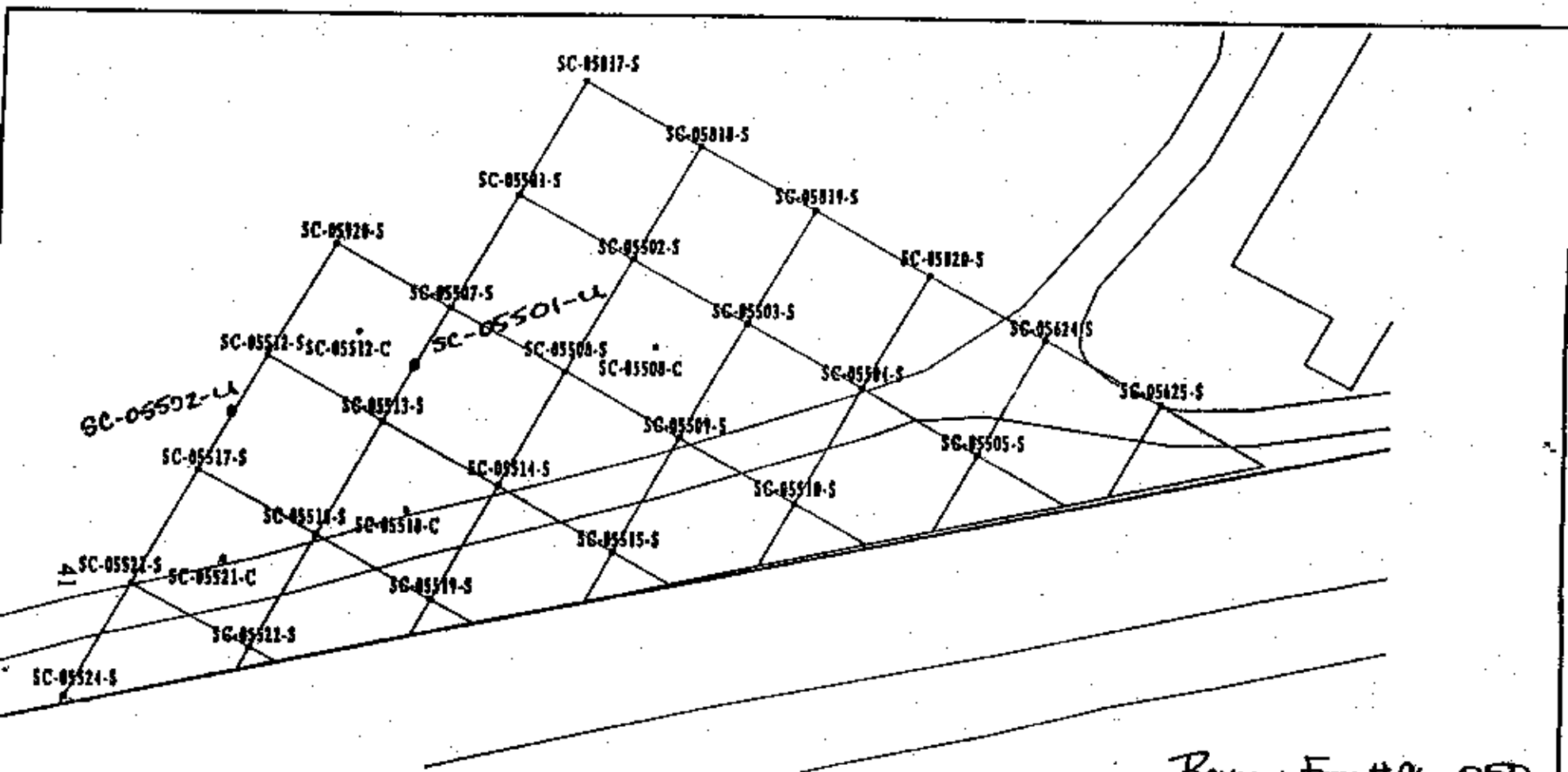
12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: Steve Maier FORNAN Date: 8/30/96  
15. DOE Project Manager/Engineer: Jerry L. Van Fossen Date: 8/30/96  
16. Project Manager: [Signature] Date: 8/30/96  
17. Construction Engineer: Charles L. Cappe Date: 8/30/96

SEE ATTACHED RESULTS AND MAP



Review Form # 96-05D

Sample Locations in Remedial Unit RU007  
Confirmation Unit CU055

Figure B-36

|                            |                                 |
|----------------------------|---------------------------------|
| EXHIBIT NO.: A/CP/118/1295 | REPORT NO.: DOE/OR/21548-590    |
| ORIGINATOR: MGL            | DRAWN BY: WSSRAP GIS DATE: 3/96 |

08/30/96

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## CU055 DATA REPORT

| PARAMETER                                | CONC     | DL     | LOCATION   | UNITS |
|--|----------|--------|------------|-------|
| PCBs (18 SAMPLES)                        |          |        |            |       |
|  | 0.000    | 40.000 | SC-05519-S | UG/KG |
|  | 0.000    | 38.000 | SC-05518-S | UG/KG |
|  | 430.000  | 39.000 | SC-05521-S | UG/KG |
|  | 0.000    | 38.000 | SC-05508-C | UG/KG |
|  | 0.000    | 38.000 | SC-05508-S | UG/KG |
|  | 720.000  | 78.000 | SC-05524-S | UG/KG |
|  | 0.000    | 38.000 | SC-05521-C | UG/KG |
|  | 0.000    | 37.000 | SC-05512-S | UG/KG |
|  | 210.000  | 38.000 | SC-05514-S | UG/KG |
|  | 470.000  | 39.000 | SC-05515-S | UG/KG |
|  | 300.000  | 36.000 | SC-05517-S | UG/KG |
|  | 390.000  | 37.000 | SC-05518-C | UG/KG |
|  | 180.000  | 42.000 | SC-05522-S | UG/KG |
|  | 180.000  | 37.000 | SC-05512-C | UG/KG |
|  | 67.000   | 36.000 | SC-05509-S | UG/KG |
|  | 670.000  | 35.000 | SC-05507-S | UG/KG |
|  | 0.000    | 38.000 | SC-05503-S | UG/KG |
|  | 43.000   | 38.000 | SC-05502-S | UG/KG |
| PCB AVERAGE = 203.33 UG/KG (0.203 MK/KG) |          |        |            |       |
| PAHs (18 SAMPLES)                        |          |        |            |       |
|  | 0.000    | NA     | SC-05502-S | UG/KG |
|  | 6.000    | NA     | SC-05503-S | UG/KG |
|  | 1096.000 | NA     | SC-05507-S | UG/KG |
|  | 44.000   | NA     | SC-05521-S | UG/KG |
|  | 0.000    | NA     | SC-05508-C | UG/KG |
|  | 26.000   | NA     | SC-05522-S | UG/KG |
|  | 0.000    | NA     | SC-05508-S | UG/KG |
|  | 6.800    | NA     | SC-05512-S | UG/KG |
|  | 0.000    | NA     | SC-05509-S | UG/KG |
|  | 16.300   | NA     | SC-05512-C | UG/KG |
|  | 7.100    | NA     | SC-05514-S | UG/KG |
|  | 10.000   | NA     | SC-05515-S | UG/KG |
|  | 32.000   | NA     | SC-05517-S | UG/KG |
|  | 11.000   | NA     | SC-05518-C | UG/KG |
|  | 10.000   | NA     | SC-05518-S | UG/KG |
|  | 21.000   | NA     | SC-05524-S | UG/KG |
|  | 18.000   | NA     | SC-05519-S | UG/KG |
|  | 0.000    | NA     | SC-05521-C | UG/KG |
| PAH AVERAGE = 72.46 UG/KG (0.072 MG/KG)  |          |        |            |       |

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## CU055 DATA REPORT (CONTINUED)

| PARAMETER   | CONC                  | DL    | LOCATION   | UNITS |
|-------------|-----------------------|-------|------------|-------|
| THORIUM-230 | 2021<br>MGL<br>6.2.97 |       |            |       |
|             | 2.680                 | 2.270 | SC-05502-S | PCI/G |
|             | 2.440                 | 2.270 | SC-05503-S | PCI/G |
|             | 3.600                 | 2.270 | SC-05507-S | PCI/G |
|             | 2.570                 | 2.270 | SC-05508-C | PCI/G |
|             | 2.690                 | 2.270 | SC-05508-S | PCI/G |
|             | 2.510                 | 2.270 | SC-05509-S | PCI/G |
|             | 2.580                 | 2.270 | SC-05512-C | PCI/G |
|             | 2.620                 | 2.270 | SC-05512-S | PCI/G |
|             | 2.630                 | 2.270 | SC-05514-S | PCI/G |
|             | 2.990                 | 2.270 | SC-05515-S | PCI/G |
|             | 2.400                 | 2.270 | SC-05517-S | PCI/G |
|             | 2.700                 | 2.270 | SC-05518-C | PCI/G |
|             | 2.270                 | 2.270 | SC-05518-S | PCI/G |
|             | 2.500                 | 2.270 | SC-05519-S | PCI/G |
|             | 2.620                 | 2.270 | SC-05521-C | PCI/G |
|             | 2.890                 | 2.270 | SC-05521-S | PCI/G |
|             | 2.730                 | 2.270 | SC-05522-S | PCI/G |
|             | 2.910                 | 2.270 | SC-05524-S | PCI/G |
|             | 2.620                 | 2.270 | SC-05501-U | PCI/G |
|             | 2.610                 | 2.270 | SC-05502-U | PCI/G |

THORIUM-230 AVERAGE = 2.678 PCI/G

2.61 MGL  
6.2.97new average  
includes

SC-05625-S

conc = 1.3 PCI/g

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## CU055 DATA REPORT (CONTINUED)

| PARAMETER                | CONC   | DL    | LOCATION   | UNITS |
|--------------------------|--------|-------|------------|-------|
| URANIUM-238 (29 SAMPLES) |        |       |            |       |
| 29                       | 25.500 | 3.290 | SC-05920-S | PCI/G |
| mg/L                     | 2.145  | 4.290 | SC-05820-S | PCI/G |
| 04.14.97                 | 33.440 | 3.830 | SC-05819-S | PCI/G |
|                          | 4.040  | 4.270 | SC-05818-S | PCI/G |
|                          | 3.880  | 2.370 | SC-05817-S | PCI/G |
|                          | 13.650 | 3.470 | SC-05624-S | PCI/G |
|                          | 2.980  | 3.120 | SC-05625-S | PCI/G |
|                          | 3.790  | 2.990 | SC-05524-S | PCI/G |
|                          | 3.530  | 2.470 | SC-05522-S | PCI/G |
|                          | 4.870  | 4.170 | SC-05521-S | PCI/G |
|                          | 1.570  | 3.140 | SC-05521-C | PCI/G |
|                          | 2.155  | 4.310 | SC-05519-S | PCI/G |
|                          | 1.950  | 2.210 | SC-05518-S | PCI/G |
|                          | 5.560  | 3.090 | SC-05517-S | PCI/G |
|                          | 15.440 | 4.570 | SC-05515-S | PCI/G |
|                          | 4.810  | 2.850 | SC-05514-S | PCI/G |
|                          | 2.255  | 4.510 | SC-05513-S | PCI/G |
|                          | 1.640  | 2.470 | SC-05512-S | PCI/G |
|                          | 10.220 | 2.660 | SC-05510-S | PCI/G |
|                          | 5.010  | 4.020 | SC-05509-S | PCI/G |
|                          | 5.580  | 2.670 | SC-05508-S | PCI/G |
|                          | 2.210  | 4.420 | SC-05503-S | PCI/G |
|                          | 5.260  | 2.640 | SC-05502-S | PCI/G |
|                          | 37.510 | 4.450 | SC-05507-S | PCI/G |
|                          | 6.400  | 3.240 | SC-05505-S | PCI/G |
|                          | 2.090  | 2.250 | SC-05504-S | PCI/G |
|                          | 24.790 | 4.980 | SC-05501-S | PCI/G |
|                          | 2.410  | 2.450 | SC-05501-U | PCI/G |
|                          | 2.055  | 4.110 | SC-05502-U | PCI/G |

URANIUM-238 AVERAGE = 8.164 PCI/G

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

ES&H 1.2.1.1. Rev. 1, 03/96  
Page 1 of 2

SECTION I

1. Work Package Number: WP420 2. Date: 08-27-96 3. Review Form #: 96-047  
4. Remediation Unit Number: RUD07 5. Confirmation Unit Number: CU0512 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☐ Th-232 ☒ Ra-226 ☒ Ra-228  
☐ TNT ☐ PCB ☐ PAH ☐ As ☐ Cr ☐ Pb ☐ Ti

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter | Size | Concentration | Complies with Plan?                                      |
|-----------|------|---------------|--|
| N/A       |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: Melinda H. Vatz Date: 08/27/96

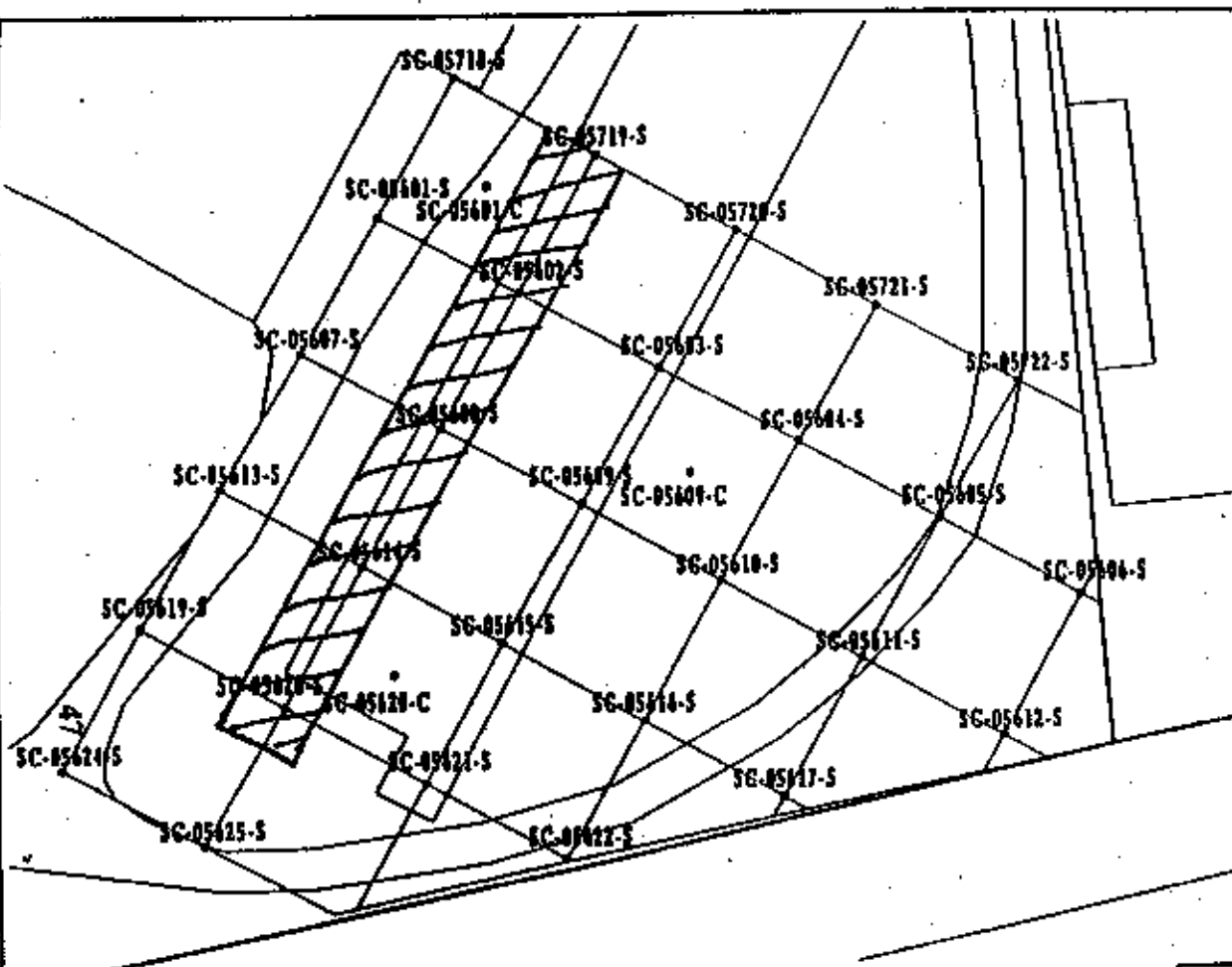
12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)


SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: [Signature] Date: 8/27/96  
15. DOE Project Manager/Engineer: [Signature] Date: 8/27/96  
16. Project Manager: [Signature] Date: 8/27/96  
17. Construction Engineer: [Signature] Date: 8/27/96

SEE ATTACHED RESULTS AND MAP



 Utility Trench

Review Form #96-047

Sample Locations in Remedial Unit RU007  
Confirmation Unit CU056

Figure B-37

EXHIBIT NO.: A/CP/119/1295

REPORT NO.: DOE/OR/21548-590

ORIGINATOR: MGL

DRAWN BY: WSSRAF GIS

DATE: 3/96

08/27/96

PAGE 1

## CU056 DATA REPORT

| PARAMETER                                | CONC  | DL    | LOCATION   | UNITS |
|--|-------|-------|------------|-------|
| <b>RADIUM-226 (3 SAMPLES)</b>            |       |       |            |       |
|  | 2.179 | 0.300 | SC-05720-S | PCU/G |
|  | 1.725 | 0.280 | SC-05719-S | PCU/G |
|  | 2.202 | 0.270 | SC-05718-S | PCU/G |
| <b>RADIUM-226 AVERAGE = 2.036 PCU/G</b>  |       |       |            |       |
| <b>RADIUM-228 (3 SAMPLES)</b>            |       |       |            |       |
|  | 1.240 | 0.380 | SC-05720-S | PCU/G |
|  | 1.380 | 0.500 | SC-05719-S | PCU/G |
|  | 1.330 | 0.470 | SC-05718-S | PCU/G |
| <b>RADIUM-228 AVERAGE = 1.317 PCU/G</b>  |       |       |            |       |
| <b>THORIUM-230 (19 SAMPLES)</b>          |       |       |            |       |
|  | 1.270 | 0.039 | SC-05601-S | PCU/G |
|  | 1.270 | 0.041 | SC-05602-S | PCU/G |
|  | 2.220 | 0.058 | SC-05601-C | PCU/G |
|  | 1.170 | 0.036 | SC-05603-S | PCU/G |
|  | 0.980 | 0.036 | SC-05607-S | PCU/G |
|  | 1.040 | 0.055 | SC-05608-S | PCU/G |
|  | 1.210 | 0.049 | SC-05609-C | PCU/G |
|  | 1.310 | 0.057 | SC-05609-S | PCU/G |
|  | 1.140 | 0.040 | SC-05613-S | PCU/G |
|  | 1.050 | 0.040 | SC-05614-S | PCU/G |
|  | 1.010 | 0.038 | SC-05615-S | PCU/G |
|  | 1.140 | 0.046 | SC-05619-S | PCU/G |
|  | 1.180 | 0.049 | SC-05620-C | PCU/G |
|  | 1.270 | 0.054 | SC-05620-S | PCU/G |
|  | 2.750 | 0.043 | SC-05621-S | PCU/G |
|  | 1.300 | 0.038 | SC-05623-S | PCU/G |
|  | 1.180 | 0.033 | SC-05720-S | PCU/G |
|  | 1.250 | 0.043 | SC-05719-S | PCU/G |
|  | 1.140 | 0.036 | SC-05718-S | PCU/G |
| <b>THORIUM-230 AVERAGE = 1.314 PCU/G</b> |       |       |            |       |

08/27/96

PAGE 2

## CU056 DATA REPORT (CONTINUED)

| PARAMETER                | CONC   | DL    | LOCATION   | UNITS |
|--------------------------|--------|-------|------------|-------|
| URANIUM-238 (30 SAMPLES) |        |       |            |       |
|                          | 7.900  | 3.110 | SC-05601-S | PCI/G |
|                          | 1.650  | 3.300 | SC-05602-S | PCI/G |
|                          | 4.340  | 4.400 | SC-05601-C | PCI/G |
|                          | 1.815  | 3.630 | SC-05603-S | PCI/G |
|                          | 1.630  | 3.260 | SC-05604-S | PCI/G |
|                          | 2.255  | 4.510 | SC-05605-S | PCI/G |
|                          | 7.660  | 3.490 | SC-05606-S | PCI/G |
|                          | 1.675  | 3.350 | SC-05607-S | PCI/G |
|                          | 1.760  | 1.740 | SC-05608-S | PCI/G |
|                          | 1.865  | 3.730 | SC-05609-S | PCI/G |
|                          | 1.760  | 3.520 | SC-05610-S | PCI/G |
|                          | 1.895  | 3.790 | SC-05611-S | PCI/G |
|                          | 7.970  | 3.320 | SC-05612-S | PCI/G |
|                          | 1.535  | 3.070 | SC-05613-S | PCI/G |
|                          | 2.075  | 4.150 | SC-05614-S | PCI/G |
|                          | 1.485  | 2.970 | SC-05615-S | PCI/G |
|                          | 3.980  | 4.050 | SC-05616-S | PCI/G |
|                          | 3.980  | 2.330 | SC-05617-S | PCI/G |
|                          | 1.500  | 3.000 | SC-05619-S | PCI/G |
|                          | 2.035  | 4.070 | SC-05620-C | PCI/G |
|                          | 1.515  | 3.030 | SC-05620-S | PCI/G |
|                          | 6.430  | 3.480 | SC-05621-S | PCI/G |
|                          | 2.055  | 4.110 | SC-05622-S | PCI/G |
|                          | 13.650 | 3.470 | SC-05624-S | PCI/G |
|                          | 2.980  | 3.120 | SC-05625-S | PCI/G |
|                          | 1.975  | 3.950 | SC-05722-S | PCI/G |
|                          | 6.190  | 3.080 | SC-05721-S | PCI/G |
|                          | 1.535  | 3.070 | SC-05720-S | PCI/G |
|                          | 1.985  | 3.970 | SC-05719-S | PCI/G |
|                          | 1.415  | 2.830 | SC-05718-S | PCI/G |

URANIUM-238 AVERAGE = 3.350 PCI/G

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

ES&H 1.2.1.1, Rev. 1, 03/96  
Page 1 of 2

SECTION I

1. Work Package Number: WP470 2. Date: 08-27-96 3. Review Form #: 96-048  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU057 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☐ Th-232 ☒ Ra-226 ☒ Ra-228  
☐ TNT ☒ PCB ☐ PAH ☒ As ☒ Cr ☒ Pb ☐ Ti

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter | Size | Concentration | Complies with Plan?                                      |
|-----------|------|---------------|--|
| N/A       |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: Melina H. Vich Date: 08/27/96

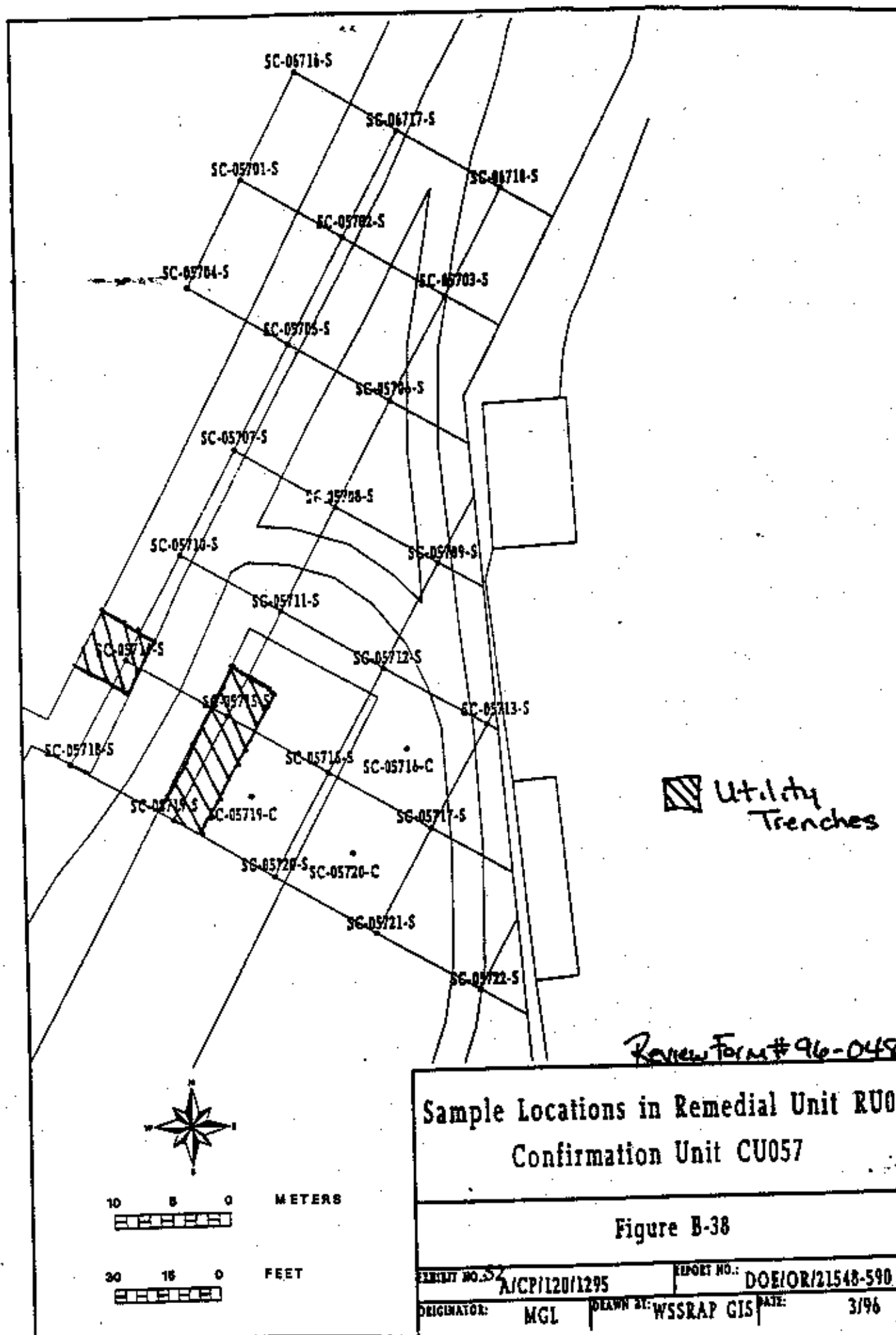
12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: [Signature] Date: 8/27/96  
15. DOE Project Manager/Engineer: Thomas C. Pank Date: 8/27/96  
16. Project Manager: [Signature] Date: 8/27/96  
17. Construction Engineer: David L. Logan Date: 8/27/96

SEE ATTACHED RESULTS AND MAP



08/27/96

PAGE 1

## CU057 DATA REPORT

| PARAMETER                               | CONC   | DL     | LOCATION   | UNITS |
|---|--------|--------|------------|-------|
| <b>PCB (3 SAMPLES)</b>                  |        |        |            |       |
|   | 0.000  | 38.000 | SC-05701-S | UG/KG |
|   | 0.000  | 38.000 | SC-06716-S | UG/KG |
|   | 0.000  | 37.000 | SC-05704-S | UG/KG |
| <b>PCB AVERAGE = NA</b>                 |        |        |            |       |
| <b>ARSENIC (3 SAMPLES)</b>              |        |        |            |       |
|   | 7.000  | 0.460  | SC-06716-S | UG/G  |
|   | 9.400  | 0.460  | SC-05701-S | UG/G  |
|   | 7.900  | 0.450  | SC-05704-S | UG/G  |
| <b>ARSENIC AVERAGE = 8.100 UG/G</b>     |        |        |            |       |
| <b>CHROMIUM (3 SAMPLES)</b>             |        |        |            |       |
|   | 14.700 | 0.520  | SC-05704-S | UG/G  |
|   | 15.400 | 0.530  | SC-05701-S | UG/G  |
|   | 14.100 | 0.530  | SC-06716-S | UG/G  |
| <b>CHROMIUM AVERAGE = 14.733 UG/G</b>   |        |        |            |       |
| <b>LEAD (3 SAMPLES)</b>                 |        |        |            |       |
|   | 13.200 | 0.320  | SC-06716-S | UG/G  |
|   | 14.800 | 0.310  | SC-05704-S | UG/G  |
|   | 14.000 | 0.320  | SC-05701-S | UG/G  |
| <b>LEAD AVERAGE = 14.000 UG/G</b>       |        |        |            |       |
| <b>RADIUM-226 (14 SAMPLES)</b>          |        |        |            |       |
|   | 1.880  | 0.280  | SC-05707-S | PCI/G |
|   | 2.429  | 0.420  | SC-05705-S | PCI/G |
|   | 2.157  | 0.350  | SC-05704-S | PCI/G |
|   | 2.179  | 0.300  | SC-05720-S | PCI/G |
|   | 1.725  | 0.280  | SC-05719-S | PCI/G |
|   | 2.202  | 0.270  | SC-05718-S | PCI/G |
|   | 1.816  | 0.340  | SC-05716-S | PCI/G |
|   | 0.806  | 0.710  | SC-05715-S | PCI/G |
|   | 2.088  | 0.350  | SC-05714-S | PCI/G |
|   | 1.861  | 0.140  | SC-05711-S | PCI/G |
|   | 2.588  | 0.280  | SC-05710-S | PCI/G |
|   | 2.610  | 0.270  | SC-05709-S | PCI/G |
|   | 2.656  | 0.320  | SC-05708-S | PCI/G |
|   | 3.791  | 0.340  | SC-05701-S | PCI/G |
| <b>RADIUM-226 AVERAGE = 2.185 PCI/G</b> |        |        |            |       |
| <b>RADIUM-228 (14 SAMPLES)</b>          |        |        |            |       |
|   | 1.140  | 0.720  | SC-05704-S | PCI/G |
|   | 1.150  | 0.420  | SC-05705-S | PCI/G |
|   | 1.210  | 0.470  | SC-05707-S | PCI/G |
|   | 1.010  | 0.490  | SC-05708-S | PCI/G |
|   | 0.690  | 0.380  | SC-05709-S | PCI/G |
|   | 1.280  | 0.510  | SC-05710-S | PCI/G |
|   | 0.280  | 0.560  | SC-05711-S | PCI/G |
|   | 1.280  | 0.340  | SC-05701-S | PCI/G |
|   | 1.240  | 0.380  | SC-05720-S | PCI/G |
|   | 1.380  | 0.500  | SC-05719-S | PCI/G |
|   | 1.330  | 0.470  | SC-05718-S | PCI/G |
|   | 1.390  | 0.480  | SC-05716-S | PCI/G |
|   | 1.410  | 0.250  | SC-05715-S | PCI/G |
|   | 1.330  | 0.340  | SC-05714-S | PCI/G |
| <b>RADIUM-228 AVERAGE = 1.151 PCI/G</b> |        |        |            |       |

08/27/96

PAGE 2

## CU057 DATA REPORT (CONTINUED)

| PARAMETER                | CONC  | DL    | LOCATION   | UNITS |
|--------------------------|-------|-------|------------|-------|
| THORIUM-230 (12 SAMPLES) |       |       |            |       |
|                          | 2.630 | 2.270 | SC-05701-S | PCI/G |
|                          | 2.420 | 2.270 | SC-06716-S | PCI/G |
|                          | 1.160 | 0.036 | SC-05704-S | PCI/G |
|                          | 1.310 | 0.035 | SC-05716-C | PCI/G |
|                          | 1.230 | 0.032 | SC-05716-S | PCI/G |
|                          | 1.210 | 0.036 | SC-05715-S | PCI/G |
|                          | 1.080 | 0.034 | SC-05714-S | PCI/G |
|                          | 1.240 | 0.044 | SC-05720-C | PCI/G |
|                          | 1.180 | 0.033 | SC-05720-S | PCI/G |
|                          | 1.250 | 0.043 | SC-05719-S | PCI/G |
|                          | 1.370 | 0.038 | SC-05719-C | PCI/G |
|                          | 1.140 | 0.036 | SC-05718-S | PCI/G |

THORIUM-230 AVERAGE = 1.435 PCI/G

| PARAMETER                | CONC  | DL    | LOCATION   | UNITS |
|--------------------------|-------|-------|------------|-------|
| URANIUM-238 (25 SAMPLES) |       |       |            |       |
|                          | 1.540 | 3.080 | SC-05701-S | PCI/G |
|                          | 2.190 | 4.380 | SC-06716-S | PCI/G |
|                          | 2.020 | 4.040 | SC-06717-S | PCI/G |
|                          | 2.115 | 4.230 | SC-06718-S | PCI/G |
|                          | 1.985 | 3.970 | SC-05702-S | PCI/G |
|                          | 1.700 | 2.470 | SC-05703-S | PCI/G |
|                          | 1.910 | 3.820 | SC-05704-S | PCI/G |
|                          | 2.095 | 4.190 | SC-05705-S | PCI/G |
|                          | 3.670 | 2.420 | SC-05706-S | PCI/G |
|                          | 1.630 | 3.150 | SC-05710-S | PCI/G |
|                          | 1.510 | 3.020 | SC-05707-S | PCI/G |
|                          | 4.890 | 2.100 | SC-05708-S | PCI/G |
|                          | 3.470 | 1.920 | SC-05709-S | PCI/G |
|                          | 1.975 | 3.950 | SC-05722-S | PCI/G |
|                          | 6.190 | 3.080 | SC-05721-S | PCI/G |
|                          | 1.535 | 3.070 | SC-05720-S | PCI/G |
|                          | 1.985 | 3.970 | SC-05719-S | PCI/G |
|                          | 1.415 | 2.830 | SC-05718-S | PCI/G |
|                          | 7.720 | 2.220 | SC-05717-S | PCI/G |
|                          | 1.955 | 3.910 | SC-05716-S | PCI/G |
|                          | 2.255 | 4.510 | SC-05715-S | PCI/G |
|                          | 1.650 | 3.300 | SC-05714-S | PCI/G |
|                          | 3.470 | 5.000 | SC-05713-S | PCI/G |
|                          | 3.730 | 2.830 | SC-05712-S | PCI/G |
|                          | 1.445 | 2.890 | SC-05711-S | PCI/G |

URANIUM-238 AVERAGE = 2.642 PCI/G

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

ES&H 1.2.1.1, Rev. 1, 03/96  
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SECTION I

1. Work Package Number: WP420 2. Date: 9/12/96 3. Review Form #: 96-051  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU058 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☒ Th-232 ☒ Ra-226 ☒ Ra-228  
☐ TNT ☒ PCB ☒ PAH ☒ As ☒ Cr ☒ Pb ☐ Ti

7. Results average below ALARA goal(s)? PAH's ☐ Yes ☒ No  
8. All results below cleanup criteria? ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter  | Size | Concentration | Complies with Plan?                                      |
|------------|------|---------------|--|
| <u>N/A</u> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: Melvin H. Lutz Date: 09/12/96

12. Reviewer Disposition Recommendation: ☐ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☒ ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: \_\_\_\_\_ Date: \_\_\_\_\_  
15. DOE Project Manager/Engineer: \_\_\_\_\_ Date: \_\_\_\_\_  
16. Project Manager: \_\_\_\_\_ Date: \_\_\_\_\_  
17. Construction Engineer: \_\_\_\_\_ Date: \_\_\_\_\_

SEE ATTACHED RESULTS AND MAP

## SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

Page 2 of 2  
ES&H-1.2.1. 03/96

## SECTION III

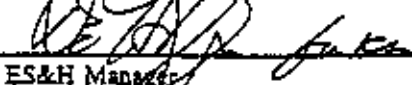
## ALARA Committee (Average above ALARA)

Confirmation unit status reports have been attached for the following contaminants of concern for which the average exceeds ALARA:

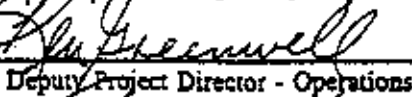
☒ U-238 ☐ Th-230 ☐ Th-232 ☐ Ra-226 ☐ RA-228 ☐ TNT  
☒ PAH ☐ As ☐ Cr ☐ Pb ☐ Tl ☐ PCB


Disposition Input: The PAH average (0.519 mg/kg) exceeds ALARA. Currently, there are a total of 78 samples, with 59 less than ALARA.


Disposition Decision: ☒ Backfill/Release for Unrestricted Use.  
☐ Additional Excavation Required.  
☐ Additional Samples to be Collected.

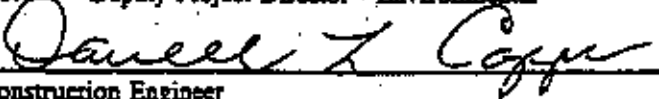
PASS  9/12/96  
 Vote ES&H Manager Date

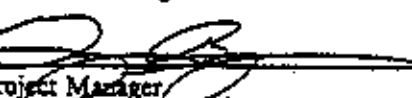
PASS  9/12/96  
 Vote DOE Project Manager/Engineer Date

PASS  9-12-96  
 Vote Deputy Project Director - Operations Date

PASS  9/12/96  
 Vote Environmental Protection Manager Date

PASS  9/12/96  
 Vote Deputy Project Director - Environmental Date

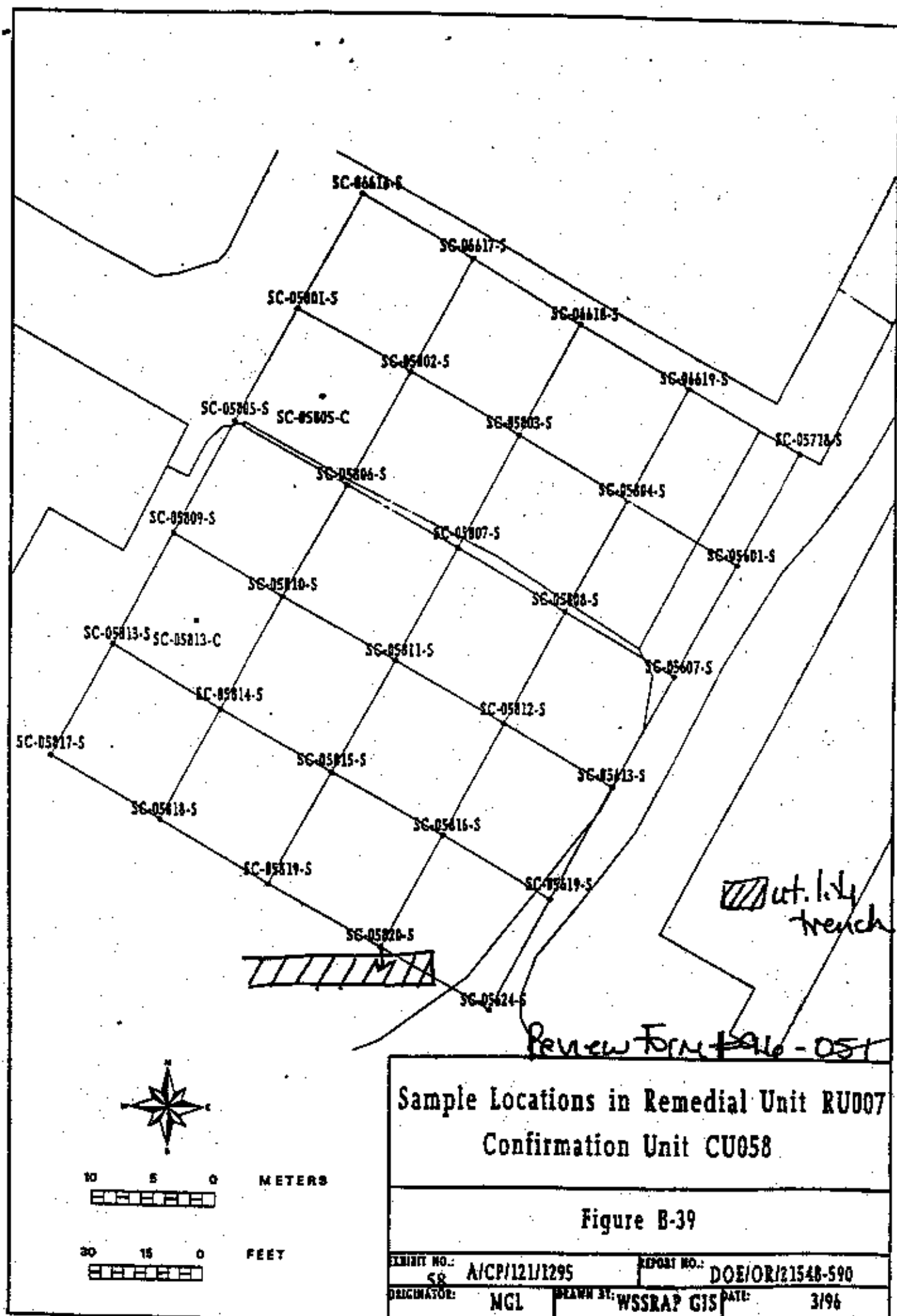
 9/12/96  
 Construction Engineer Date

 9/12/96  
 Project Manager Date

Section IV Results greater than 3X criteria or > hotspot rule, additional excavation automatically required.

Project Manager: \_\_\_\_\_ Date: \_\_\_\_\_

Construction Engineer: \_\_\_\_\_ Date: \_\_\_\_\_



09/12/96

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## CU058 DATA REPORT

| PARAMETER                                       | CONC      | DL     | LOCATION   | UNITS |
|---|-----------|--------|------------|-------|
| <b>PCB (4 SAMPLES)</b>                          |           |        |            |       |
|   | 94.000    | 41.000 | SC-06619-S | UG/KG |
|   | 0.000     | 40.000 | SC-06618-S | UG/KG |
|   | 0.000     | 40.000 | SC-06617-S | UG/KG |
|   | 0.000     | 41.000 | SC-06616-S | UG/KG |
| <b>PCB AVERAGE = 23.500 UG/KG (0.024 MG/KG)</b> |           |        |            |       |
| <b>PAH (9 SAMPLES)</b>                          |           |        |            |       |
|   | 582.000   | NA     | SC-06616-S | UG/KG |
|   | 377.000   | NA     | SC-05809-S | UG/KG |
|   | 368.000   | NA     | SC-05811-S | UG/KG |
|   | 0.000     | NA     | SC-05807-S | UG/KG |
|   | 0.000     | NA     | SC-05806-S | UG/KG |
|   | 0.000     | NA     | SC-05805-S | UG/KG |
|   | 0.000     | NA     | SC-05805-C | UG/KG |
|   | 2,028.000 | NA     | SC-05802-S | UG/KG |
|   | 1,312.000 | NA     | SC-05801-S | UG/KG |
| <b>PAH AVERAGE = 318.56 UG/KG (0.319 MG/KG)</b> |           |        |            |       |
| <b>ARSENIC (9 SAMPLES)</b>                      |           |        |            |       |
|   | 1.300     | 0.490  | SC-06616-S | UG/G  |
|   | 3.600     | 0.490  | SC-06617-S | UG/G  |
|   | 3.900     | 0.480  | SC-06618-S | UG/G  |
|   | 8.700     | 0.500  | SC-06619-S | UG/G  |
|   | 9.800     | 0.480  | SC-05809-S | UG/G  |
|   | 6.000     | 0.470  | SC-05810-S | UG/G  |
|   | 7.800     | 0.500  | SC-05813-C | UG/G  |
|   | 11.000    | 0.440  | SC-05813-S | UG/G  |
|   | 7.300     | 0.420  | SC-05814-S | UG/G  |
| <b>ARSENIC AVERAGE = 6.600 UG/G</b>             |           |        |            |       |
| <b>CHROMIUM (4 SAMPLES)</b>                     |           |        |            |       |
|   | 16.000    | 0.570  | SC-06619-S | UG/G  |
|   | 17.000    | 0.550  | SC-06618-S | UG/G  |
|   | 14.800    | 0.560  | SC-06617-S | UG/G  |
|   | 15.900    | 0.560  | SC-06616-S | UG/G  |
| <b>CHROMIUM AVERAGE = 15.925 UG/G</b>           |           |        |            |       |
| <b>LEAD (4 SAMPLES)</b>                         |           |        |            |       |
|   | 19.200    | 0.350  | SC-06619-S | UG/G  |
|   | 9.100     | 0.340  | SC-06618-S | UG/G  |
|   | 12.100    | 0.340  | SC-06617-S | UG/G  |
|   | 6.400     | 0.340  | SC-06616-S | UG/G  |
| <b>LEAD AVERAGE = 11.700 UG/G</b>               |           |        |            |       |

09/12/96

PAGE 2

## CU058 DATA REPORT (CONTINUED)

| PARAMETER                          | CONC   | DL    | LOCATION   | UNITS |
|------------------------------------|--------|-------|------------|-------|
| RADIUM-226 (3 SAMPLES)             |        |       |            |       |
|                                    | 2.066  | 0.130 | SC-06618-S | PCI/G |
|                                    | 2.270  | 0.250 | SC-06619-S | PCI/G |
|                                    | 2.202  | 0.270 | SC-05718-S | PCI/G |
| RADIUM-226 AVERAGE = 2.179 PCI/G   |        |       |            |       |
| RADIUM-228 (3 SAMPLES)             |        |       |            |       |
|                                    | 1.330  | 0.470 | SC-05718-S | PCI/G |
|                                    | 1.290  | 0.330 | SC-06619-S | PCI/G |
|                                    | 1.470  | 0.250 | SC-06618-S | PCI/G |
| RADIUM-228 AVERAGE = 1.363 PCI/G   |        |       |            |       |
| THORIUM-230 (9 SAMPLES)            |        |       |            |       |
|                                    | 2.740  | 2.270 | SC-06619-S | PCI/G |
|                                    | 2.650  | 2.270 | SC-06618-S | PCI/G |
|                                    | 2.870  | 2.270 | SC-06617-S | PCI/G |
|                                    | 2.720  | 2.270 | SC-06618-S | PCI/G |
|                                    | 1.140  | 0.036 | SC-05718-S | PCI/G |
|                                    | 1.270  | 0.039 | SC-05601-S | PCI/G |
|                                    | 0.980  | 0.036 | SC-05607-S | PCI/G |
|                                    | 1.140  | 0.040 | SC-05613-S | PCI/G |
|                                    | 1.140  | 0.046 | SC-05619-S | PCI/G |
| THORIUM-230 AVERAGE = 1.850 PCI/G  |        |       |            |       |
| URANIUM-238 (30 SAMPLES)           |        |       |            |       |
|                                    | 2.145  | 4.290 | SC-05820-S | PCI/G |
|                                    | 33.440 | 3.830 | SC-05819-S | PCI/G |
|                                    | 4.040  | 4.270 | SC-05818-S | PCI/G |
|                                    | 3.880  | 2.370 | SC-05817-S | PCI/G |
|                                    | 41.550 | 6.310 | SC-05816-S | PCI/G |
|                                    | 38.700 | 4.300 | SC-05815-S | PCI/G |
|                                    | 46.810 | 6.110 | SC-05814-S | PCI/G |
|                                    | 1.425  | 2.850 | SC-05813-S | PCI/G |
|                                    | 13.520 | 3.130 | SC-05812-S | PCI/G |
|                                    | 83.730 | 4.180 | SC-05811-S | PCI/G |
|                                    | 2.005  | 4.010 | SC-05810-S | PCI/G |
|                                    | 17.550 | 3.540 | SC-05809-S | PCI/G |
|                                    | 5.460  | 3.860 | SC-05808-S | PCI/G |
|                                    | 4.550  | 3.290 | SC-05807-S | PCI/G |
|                                    | 2.550  | 5.100 | SC-05806-S | PCI/G |
|                                    | 10.960 | 3.230 | SC-05805-S | PCI/G |
|                                    | 1.945  | 3.890 | SC-05804-S | PCI/G |
|                                    | 1.625  | 3.250 | SC-05803-S | PCI/G |
|                                    | 5.750  | 2.910 | SC-05802-S | PCI/G |
|                                    | 6.770  | 2.200 | SC-05801-S | PCI/G |
|                                    | 1.415  | 2.830 | SC-05718-S | PCI/G |
|                                    | 13.650 | 3.470 | SC-05624-S | PCI/G |
|                                    | 1.500  | 3.000 | SC-05619-S | PCI/G |
|                                    | 1.535  | 3.070 | SC-05613-S | PCI/G |
|                                    | 1.675  | 3.350 | SC-05607-S | PCI/G |
|                                    | 7.900  | 3.110 | SC-05601-S | PCI/G |
|                                    | 1.940  | 3.880 | SC-06616-S | PCI/G |
|                                    | 1.650  | 3.300 | SC-06617-S | PCI/G |
|                                    | 2.015  | 4.030 | SC-06618-S | PCI/G |
|                                    | 4.310  | 2.910 | SC-06619-S | PCI/G |
| URANIUM-238 AVERAGE = 12.280 PCI/G |        |       |            |       |

**PAH SUMMARY SHEET**  
**SEPTEMBER 12, 1996**

| RU           | CU  | # of SAMPLES | # < ALARA | CU < ALARA | AVE. CONC. |
|--------------|-----|--------------|-----------|------------|------------|
| 1            | 001 | 6            | 3         | 0          | 0.680      |
| 1            | 002 | 2            | 1         | 0          | 1.180      |
| 6            | 021 | 3            | 3         | 1          | 0.380      |
| 6            | 022 | 8            | 5         | 0          | 0.443      |
| 6            | 038 | 3            | 1         | 0          | 1.320      |
| 6            | 039 | 17           | 10        | 0          | 0.698      |
| 6            | 040 | 6            | 6         | 1          | 0.220      |
| 6            | 041 | 2            | 2         | 1          | 0.017      |
| 6            | 043 | 2            | 2         | 1          | 0.025      |
| 6            | 044 | 5            | 4         | 1          | 0.175      |
| 7            | 055 | 18           | 17        | 1          | 0.072      |
| 7            | 066 | 1            | 0         | 0          | 0.630      |
| 7            | 069 | 5            | 5         | 1          | 0.120      |
| <b>TOTAL</b> |     | <b>78</b>    | <b>59</b> |            |            |

**54% OF THE CUs ARE LESS THAN ALARA**

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP470 2. Date: 09/13/96 3. Review Form #: 96-0536  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU059 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☒ Th-232 ☒ Ra-226 ☒ Ra-228  
☒ TNT ☒ PCB ☒ PAH ☒ As ☒ Cr ☒ Pb ☒ Ti

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter                           | Size | Concentration | Complies with Plan?                                      |
|-------------------------------------|------|---------------|--|
| <input checked="" type="checkbox"/> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input checked="" type="checkbox"/> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input checked="" type="checkbox"/> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input checked="" type="checkbox"/> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: Mehmet S. Luty Date: 09/13/96

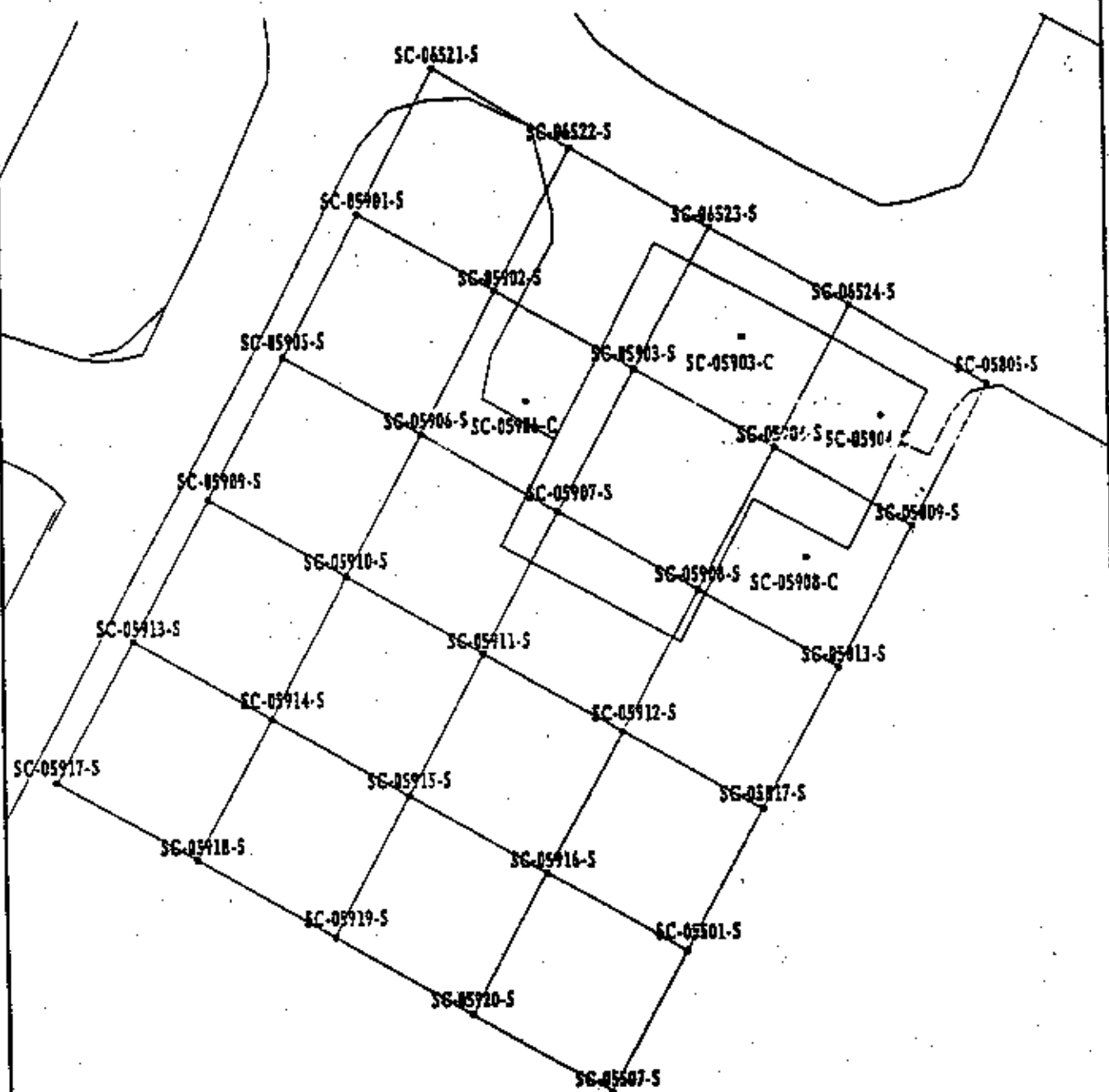
12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: Debra J. Jones Date: 9/13/96  
15. DOE Project Manager/Engineer: Thomas C. Paulsen Date: 9/13/96  
16. Project Manager: [Signature] Date: 9/13/96  
17. Construction Engineer: Michael L. Capu Date: 9/13/96

SEE ATTACHED RESULTS AND MAP



Review Form #96-053a

Sample Locations in Remedial Unit RU007  
Confirmation Unit CU059

**Figure B-40**

|                                   |   |
|-----------------------------------|---|
| EXHIBIT NO.: <b>AJCP/122/1295</b> | REPORT NO.: <b>DOE/OR/21548-590</b>           |
| ORIGINATOR: <b>MGL</b>            | DRAWN BY: <b>WSSRAP GIS</b> DATE: <b>3/96</b> |

09/13/96

PAGE 1

## CU059 DATA REPORT

| PARAMETER                               | CONC      | DL        | LOCATION        | UNITS |
|---|-----------|-----------|-----------------|-------|
| PCB (20 SAMPLES)                        |           |           |                 |       |
|   | 0.000     | 40.000    | SC-05906-C-RS01 | UG/KG |
|   | 0.000     | 40.000    | SC-05906-C-RS02 | UG/KG |
|   | 0.000     | 39.000    | SC-05906-C-RS03 | UG/KG |
|   | 0.000     | 39.000    | SC-05906-C-RS04 | UG/KG |
|   | 0.000     | 39.000    | SC-05906-C-RS05 | UG/KG |
|   | 0.000     | 40.000    | SC-05904-S      | UG/KG |
|   | 0.000     | 42.000    | SC-05918-S      | UG/KG |
|   | 0.000     | 39.000    | SC-05904-C      | UG/KG |
|   | 0.000     | 39.000    | SC-05903-S      | UG/KG |
|   | 0.000     | 39.000    | SC-05903-C      | UG/KG |
|   | 0.000     | 40.000    | SC-05910-S      | UG/KG |
|   | 0.000     | 42.000    | SC-05906-S      | UG/KG |
|   | 0.000     | 41.000    | SC-05902-S      | UG/KG |
|   | 0.000     | 46.000    | SC-05914-S      | UG/KG |
|   | 0.000     | 40.000    | SC-05908-C      | UG/KG |
|   | 200.000   | 36.000    | SC-05911-S      | UG/KG |
|   | 0.000     | 36.000    | SC-05912-S      | UG/KG |
|   | 670.000   | 35.000    | SC-05507-S      | UG/KG |
|   | 6,000.000 | 1,900.000 | SC-05908-S      | UG/KG |
|   | 0.000     | 40.000    | SC-06522-S      | UG/KG |
| PCB AVERAGE = 343.5 UG/KG (0.344 MG/KG) |           |           |                 |       |

|  |          |    |            |       |
|--|----------|----|------------|-------|
| PAH (24 SAMPLES)                         |          |    |            |       |
|  | 1096.000 | NA | SC-05507-S | UG/KG |
|  | 377.000  | NA | SC-05809-S | UG/KG |
|  | 0.000    | NA | SC-05805-S | UG/KG |
|  | 1513.000 | NA | SC-05909-S | UG/KG |
|  | 12.000   | NA | SC-05907-S | UG/KG |
|  | 0.000    | NA | SC-05901-S | UG/KG |
|  | 0.000    | NA | SC-05908-C | UG/KG |
|  | 0.000    | NA | SC-05908-S | UG/KG |
|  | 7.700    | NA | SC-05903-S | UG/KG |
|  | 0.000    | NA | SC-05911-S | UG/KG |
|  | 0.000    | NA | SC-05912-S | UG/KG |
|  | 0.000    | NA | SC-05904-C | UG/KG |
|  | 0.000    | NA | SC-05904-S | UG/KG |
|  | 48.000   | NA | SC-05906-C | UG/KG |
|  | 0.000    | NA | SC-05906-S | UG/KG |
|  | 0.000    | NA | SC-05910-S | UG/KG |
|  | 0.000    | NA | SC-05903-C | UG/KG |
|  | 11.000   | NA | SC-05903-S | UG/KG |
|  | 0.000    | NA | SC-05902-S | UG/KG |
|  | 2890.000 | NA | SC-05913-S | UG/KG |
|  | 66.000   | NA | SC-06521-S | UG/KG |
|  | 0.000    | NA | SC-06522-S | UG/KG |
|  | 0.000    | NA | SC-06523-S | UG/KG |
|  | 0.000    | NA | SC-06524-S | UG/KG |
| PAH AVERAGE = 250.87 UG/KG (0.251 MG/KG) |          |    |            |       |

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## CU059 DATA REPORT (CONTINUED)

| PARAMETER           | CONC   | DL    | LOCATION   | UNITS |
|---------------------|--------|-------|------------|-------|
| ARSENIC (8 SAMPLES) |        |       |            |       |
| 8 M62-27            | 11.000 | 0.440 | SC-05813-S | UG/G  |
|                     | 9.800  | 0.480 | SC-05809-S | UG/G  |
|                     | 7.500  | 0.510 | SC-05918-S | UG/G  |
|                     | 3.500  | 0.500 | SC-05902-S | UG/G  |
|                     | 6.600  | 0.510 | SC-05906-S | UG/G  |
|                     | 3.700  | 0.480 | SC-05910-S | UG/G  |
|                     | 5.700  | 0.550 | SC-05914-S | UG/G  |
|                     | 6.700  | 0.480 | SC-06522-S | UG/G  |

ARSENIC AVERAGE = 6.813 UG/G

## CHROMIUM (16 SAMPLES)

|        |       |            |      |
|--------|-------|------------|------|
| 14.300 | 0.550 | SC-05908-C | UG/G |
| 16.100 | 0.530 | SC-05908-S | UG/G |
| 15.500 | 0.500 | SC-05911-S | UG/G |
| 13.300 | 0.500 | SC-05912-S | UG/G |
| 18.400 | 0.550 | SC-05904-C | UG/G |
| 15.500 | 0.560 | SC-05904-S | UG/G |
| 18.500 | 0.500 | SC-05906-C | UG/G |
| 16.900 | 0.630 | SC-05914-S | UG/G |
| 20.800 | 0.540 | SC-05907-S | UG/G |
| 11.700 | 0.550 | SC-05910-S | UG/G |
| 20.300 | 0.540 | SC-05903-C | UG/G |
| 17.800 | 0.550 | SC-05903-S | UG/G |
| 10.300 | 0.580 | SC-05918-S | UG/G |
| 16.100 | 0.580 | SC-05906-S | UG/G |
| 16.100 | 0.580 | SC-05902-S | UG/G |
| 12.000 | 0.550 | SC-06522-S | UG/G |

CHROMIUM AVERAGE = 15.850 UG/G

## LEAD (16 SAMPLES)

|         |       |            |      |
|---------|-------|------------|------|
| 13.800  | 0.350 | SC-05902-S | UG/G |
| 12.600  | 0.350 | SC-05906-S | UG/G |
| 12.900  | 0.330 | SC-05903-S | UG/G |
| 11.000  | 0.330 | SC-05903-C | UG/G |
| 9.200   | 0.330 | SC-05910-S | UG/G |
| 15.100  | 0.350 | SC-05918-S | UG/G |
| 10.200  | 0.330 | SC-05907-S | UG/G |
| 32.600  | 0.300 | SC-05906-C | UG/G |
| 8.000   | 0.390 | SC-05914-S | UG/G |
| 8.500   | 0.340 | SC-05904-S | UG/G |
| 10.400  | 0.330 | SC-05904-C | UG/G |
| 11.400  | 0.310 | SC-05912-S | UG/G |
| 14.000  | 0.310 | SC-05911-S | UG/G |
| 8.900   | 0.320 | SC-05908-S | UG/G |
| 8.800   | 0.340 | SC-05908-C | UG/G |
| 817.000 | 0.340 | SC-06522-S | UG/G |

LEAD AVERAGE = 62.775 UG/G

## THALLIUM (6 SAMPLES)

|       |       |            |      |
|-------|-------|------------|------|
| 0.400 | 0.800 | SC-05902-S | UG/G |
| 1.000 | 0.810 | SC-05906-S | UG/G |
| 0.405 | 0.810 | SC-05918-S | UG/G |
| 0.380 | 0.760 | SC-05910-S | UG/G |
| 0.440 | 0.880 | SC-05914-S | UG/G |
| 0.880 | 0.770 | SC-06522-S | UG/G |

THALLIUM AVERAGE = 0.584 UG/G

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## CU039 DATA REPORT (CONTINUED)

| PARAMETER                         | CONC  | DL    | LOCATION   | UNITS |
|-----------------------------------|-------|-------|------------|-------|
| RADIUM-226 (5 SAMPLES)            |       |       |            |       |
|                                   | 1.839 | 0.240 | SC-05918-S | PCI/G |
|                                   | 2.384 | 0.270 | SC-05914-S | PCI/G |
|                                   | 2.225 | 0.290 | SC-05910-S | PCI/G |
|                                   | 2.293 | 0.240 | SC-05906-S | PCI/G |
|                                   | 1.793 | 0.330 | SC-05902-S | PCI/G |
| RADIUM-226 AVERAGE = 2.107 PCI/G  |       |       |            |       |
| RADIUM-228 (5 SAMPLES)            |       |       |            |       |
|                                   | 1.240 | 0.300 | SC-05902-S | PCI/G |
|                                   | 1.220 | 0.240 | SC-05906-S | PCI/G |
|                                   | 1.340 | 0.510 | SC-05910-S | PCI/G |
|                                   | 1.250 | 0.410 | SC-05914-S | PCI/G |
|                                   | 1.460 | 0.330 | SC-05918-S | PCI/G |
| RADIUM-228 AVERAGE = 1.302 PCI/G  |       |       |            |       |
| THORIUM-230 (16 SAMPLES)          |       |       |            |       |
|                                   | 2.430 | 2.270 | SC-05918-S | PCI/G |
|                                   | 2.370 | 2.270 | SC-05908-S | PCI/G |
|                                   | 2.630 | 2.270 | SC-05910-S | PCI/G |
|                                   | 2.450 | 2.270 | SC-05914-S | PCI/G |
|                                   | 2.810 | 2.270 | SC-05912-S | PCI/G |
|                                   | 2.450 | 2.270 | SC-05911-S | PCI/G |
|                                   | 2.470 | 2.270 | SC-05908-C | PCI/G |
|                                   | 2.380 | 2.270 | SC-05907-S | PCI/G |
|                                   | 2.400 | 2.270 | SC-05906-S | PCI/G |
|                                   | 2.530 | 2.270 | SC-05906-C | PCI/G |
|                                   | 2.620 | 2.270 | SC-05904-S | PCI/G |
|                                   | 2.480 | 2.270 | SC-05904-C | PCI/G |
|                                   | 2.790 | 2.270 | SC-05903-S | PCI/G |
|                                   | 2.520 | 2.270 | SC-05903-C | PCI/G |
|                                   | 2.480 | 2.270 | SC-05902-S | PCI/G |
|                                   | 3.600 | 2.270 | SC-05507-S | PCI/G |
| THORIUM-230 AVERAGE = 2.588 PCI/G |       |       |            |       |

## CU059 DATA REPORT (CONTINUED)

| PARAMETER                | CONC   | DL    | LOCATION   | UNITS |
|--------------------------|--------|-------|------------|-------|
| URANIUM-238 (30 SAMPLES) |        |       |            |       |
|                          | 25.500 | 3.290 | SC-05920-S | PCI/G |
|                          | 3.880  | 2.370 | SC-05817-S | PCI/G |
|                          | 1.425  | 2.850 | SC-05813-S | PCI/G |
|                          | 17.550 | 3.540 | SC-05809-S | PCI/G |
|                          | 10.960 | 3.230 | SC-05805-S | PCI/G |
|                          | 2.025  | 4.050 | SC-05901-S | PCI/G |
|                          | 1.730  | 3.460 | SC-05902-S | PCI/G |
|                          | 1.960  | 3.920 | SC-05903-S | PCI/G |
|                          | 1.490  | 2.980 | SC-05904-S | PCI/G |
|                          | 5.170  | 3.860 | SC-05905-S | PCI/G |
|                          | 1.675  | 3.350 | SC-05906-S | PCI/G |
|                          | 2.115  | 4.230 | SC-05907-S | PCI/G |
|                          | 1.545  | 3.090 | SC-05908-S | PCI/G |
|                          | 5.670  | 2.950 | SC-05909-S | PCI/G |
|                          | 3.480  | 2.320 | SC-05910-S | PCI/G |
|                          | 7.260  | 3.360 | SC-05911-S | PCI/G |
|                          | 2.750  | 2.220 | SC-05912-S | PCI/G |
|                          | 6.880  | 3.930 | SC-05913-S | PCI/G |
|                          | 1.565  | 3.130 | SC-05914-S | PCI/G |
|                          | 11.820 | 5.030 | SC-05915-S | PCI/G |
|                          | 24.180 | 7.780 | SC-05916-S | PCI/G |
|                          | 2.350  | 3.630 | SC-05917-S | PCI/G |
|                          | 1.395  | 2.790 | SC-05918-S | PCI/G |
|                          | 3.580  | 2.850 | SC-05919-S | PCI/G |
|                          | 37.510 | 4.450 | SC-05907-S | PCI/G |
|                          | 24.790 | 4.980 | SC-05501-S | PCI/G |
|                          | 2.130  | 4.260 | SC-06521-S | PCI/G |
|                          | 1.510  | 3.020 | SC-06522-S | PCI/G |
|                          | 2.330  | 4.660 | SC-06523-S | PCI/G |
|                          | 7.600  | 2.770 | SC-06524-S | PCI/G |

URANIUM-238 AVERAGE = 7.461 PCI/G

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP470 2. Date: 9.5.96 3. Review Form #: 96-053  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU059 (map attached)  
6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228  
X TNT X PCB X PAH X As X Cr X Pb X Ti

7. Results average below ALARA goal(s)? X Yes    No  
8. All results below cleanup criteria?    Yes X No  
9. Any results greater than 3X criteria? X Yes    No  
10. Hotspots present (less than 3X criteria)? yes - Pb - below cleanup criteria X Yes    No

| Parameter | Size | Concentration | Complies with Plan?        |
|-----------|------|---------------|----------------------------|
| PCB       |      | 120 mg/kg     | <u>  </u> Yes <u>X</u> No  |
| PCB       |      | 73 mg/kg      | <u>  </u> Yes <u>X</u> No  |
| Pb        |      | 817 mg/kg     | <u>X</u> Yes <u>  </u> No  |
|           |      |               | <u>  </u> Yes <u>  </u> No |

11. Reviewer: Mel A. Lutz Date: 9/5/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)  
   Additional Excavation Required (Section IV)  
   ALARA Committee Required (Section III)

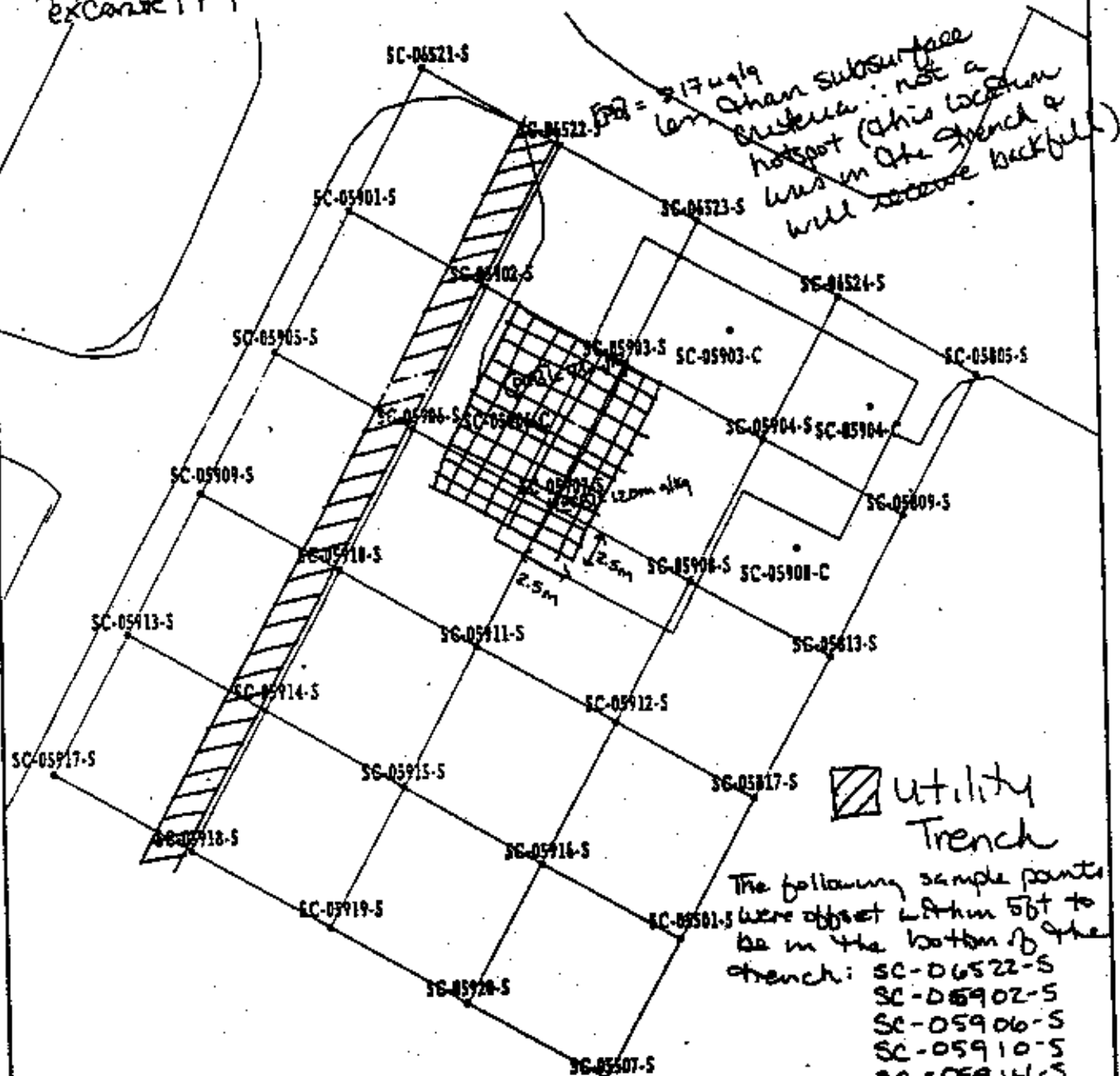
SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: \_\_\_\_\_ Date: \_\_\_\_\_  
15. DOE Project Manager/Engineer: \_\_\_\_\_ Date: \_\_\_\_\_  
16. Project Manager: \_\_\_\_\_ Date: \_\_\_\_\_  
17. Construction Engineer: \_\_\_\_\_ Date: \_\_\_\_\_

SEE ATTACHED RESULTS AND MAP

PCB hotspot  
exceeds 1 Ft



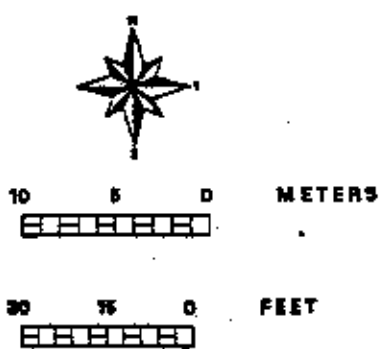
Utility Trench

The following sample points were offset within 5ft to be in the bottom of the trench:  
SC-05902-S  
SC-05906-S  
SC-05910-S  
SC-05914-S  
SC-05918-S

Review Form #96-053

Sample Locations in Remedial Unit RU007  
Confirmation Unit CU059

Figure B-40



|                            |                              |
|----------------------------|------------------------------|
| 71                         | REPORT NO.: DOE/OR/21548-590 |
| PROJECT NO.: AICP/122/1295 | DATE: 3/96                   |
| ORIGINATOR: MCI            | PLANNED BY: WSSPAD GIS       |

09/03/96

PAGE 1

## CU039 DATA REPORT

| PARAMETER                                 | CONC      | DL        | LOCATION   | UNITS |
|---|-----------|-----------|------------|-------|
| PCB (17 SAMPLES)                          |           |           |            |       |
|   | 1.200E+05 | 3,900.000 | SC-05907-S | UG/KG |
|   | 73000.000 | 3,600.000 | SC-05906-C | UG/KG |
|   | 0.000     | 40.000    | SC-05904-S | UG/KG |
|   | 0.000     | 42.000    | SC-05918-S | UG/KG |
|   | 0.000     | 39.000    | SC-05904-C | UG/KG |
|   | 0.000     | 39.000    | SC-05903-S | UG/KG |
|   | 0.000     | 39.000    | SC-05903-C | UG/KG |
|   | 0.000     | 40.000    | SC-05910-S | UG/KG |
|   | 0.000     | 42.000    | SC-05906-S | UG/KG |
|   | 0.000     | 41.000    | SC-05902-S | UG/KG |
|   | 0.000     | 46.000    | SC-05914-S | UG/KG |
|   | 0.000     | 40.000    | SC-05908-C | UG/KG |
|   | 200.000   | 36.000    | SC-05911-S | UG/KG |
|   | 0.000     | 36.000    | SC-05912-S | UG/KG |
|   | 670.000   | 35.000    | SC-05907-S | UG/KG |
|   | 6,000.000 | 1,900.000 | SC-05908-S | UG/KG |
|   | 0.000     | 40.000    | SC-06522-S | UG/KG |
| PCB AVERAGE = 11757.1 UG/KG (11.75 MG/KG) |           |           |            |       |

## PAH (24 SAMPLES)

|  |    |            |       |
|--|----|------------|-------|
| 1096.000                                 | NA | SC-05907-S | UG/KG |
| 377.000                                  | NA | SC-05809-S | UG/KG |
| 0.000                                    | NA | SC-05805-S | UG/KG |
| 1513.000                                 | NA | SC-05909-S | UG/KG |
| 12.000                                   | NA | SC-05907-S | UG/KG |
| 0.000                                    | NA | SC-05901-S | UG/KG |
| 0.000                                    | NA | SC-05908-C | UG/KG |
| 0.000                                    | NA | SC-05908-S | UG/KG |
| 7.700                                    | NA | SC-05905-S | UG/KG |
| 0.000                                    | NA | SC-05911-S | UG/KG |
| 0.000                                    | NA | SC-05912-S | UG/KG |
| 0.000                                    | NA | SC-05904-C | UG/KG |
| 0.000                                    | NA | SC-05904-S | UG/KG |
| 48.000                                   | NA | SC-05906-C | UG/KG |
| 0.000                                    | NA | SC-05906-S | UG/KG |
| 0.000                                    | NA | SC-05910-S | UG/KG |
| 0.000                                    | NA | SC-05903-C | UG/KG |
| 11.000                                   | NA | SC-05903-S | UG/KG |
| 0.000                                    | NA | SC-05902-S | UG/KG |
| 2890.000                                 | NA | SC-05913-S | UG/KG |
| 66.000                                   | NA | SC-06521-S | UG/KG |
| 0.000                                    | NA | SC-06522-S | UG/KG |
| 0.000                                    | NA | SC-06523-S | UG/KG |
| 0.000                                    | NA | SC-06524-S | UG/KG |
| PAH AVERAGE = 250.87 UG/KG (0.251 MG/KG) |    |            |       |

## CU059 DATA REPORT (CONTINUED)

| PARAMETER                             | CONC    | DL    | LOCATION   | UNITS |
|---------------------------------------|---------|-------|------------|-------|
| <b>ARSENIC (7 SAMPLES)</b>            |         |       |            |       |
|                                       | 11.000  | 0.440 | SC-05813-S | UG/G  |
|                                       | 9.800   | 0.480 | SC-05809-S | UG/G  |
|                                       | 7.300   | 0.510 | SC-05918-S | UG/G  |
|                                       | 3.300   | 0.500 | SC-05902-S | UG/G  |
|                                       | 6.600   | 0.510 | SC-05906-S | UG/G  |
|                                       | 3.700   | 0.480 | SC-05910-S | UG/G  |
|                                       | 5.700   | 0.550 | SC-05914-S | UG/G  |
|                                       | 6.700   | 0.480 | SC-06522-S | UG/G  |
| <b>ARSENIC AVERAGE = 6.813 UG/G</b>   |         |       |            |       |
| <b>CHROMIUM (16 SAMPLES)</b>          |         |       |            |       |
|                                       | 14.300  | 0.550 | SC-05908-C | UG/G  |
|                                       | 16.100  | 0.530 | SC-05908-S | UG/G  |
|                                       | 15.300  | 0.500 | SC-05911-S | UG/G  |
|                                       | 13.300  | 0.500 | SC-05912-S | UG/G  |
|                                       | 18.400  | 0.550 | SC-05904-C | UG/G  |
|                                       | 15.300  | 0.560 | SC-05904-S | UG/G  |
|                                       | 18.500  | 0.500 | SC-05906-C | UG/G  |
|                                       | 16.900  | 0.630 | SC-05914-S | UG/G  |
|                                       | 20.800  | 0.540 | SC-05907-S | UG/G  |
|                                       | 11.700  | 0.550 | SC-05910-S | UG/G  |
|                                       | 20.300  | 0.540 | SC-05903-C | UG/G  |
|                                       | 17.800  | 0.550 | SC-05903-S | UG/G  |
|                                       | 10.300  | 0.580 | SC-05918-S | UG/G  |
|                                       | 16.100  | 0.580 | SC-05906-S | UG/G  |
|                                       | 16.100  | 0.580 | SC-05902-S | UG/G  |
|                                       | 12.000  | 0.550 | SC-06522-S | UG/G  |
| <b>CHROMIUM AVERAGE = 15.850 UG/G</b> |         |       |            |       |
| <b>LEAD (16 SAMPLES)</b>              |         |       |            |       |
|                                       | 13.800  | 0.350 | SC-05902-S | UG/G  |
|                                       | 12.600  | 0.350 | SC-05906-S | UG/G  |
|                                       | 12.900  | 0.330 | SC-05903-S | UG/G  |
|                                       | 11.000  | 0.330 | SC-05903-C | UG/G  |
|                                       | 9.200   | 0.330 | SC-05910-S | UG/G  |
|                                       | 15.100  | 0.350 | SC-05918-S | UG/G  |
|                                       | 10.200  | 0.330 | SC-05907-S | UG/G  |
|                                       | 32.600  | 0.300 | SC-05906-C | UG/G  |
|                                       | 8.000   | 0.390 | SC-05914-S | UG/G  |
|                                       | 8.500   | 0.340 | SC-05904-S | UG/G  |
|                                       | 10.400  | 0.330 | SC-05904-C | UG/G  |
|                                       | 11.400  | 0.310 | SC-05912-S | UG/G  |
|                                       | 14.000  | 0.310 | SC-05911-S | UG/G  |
|                                       | 8.900   | 0.320 | SC-05908-S | UG/G  |
|                                       | 8.800   | 0.340 | SC-05908-C | UG/G  |
|                                       | 317.000 | 0.340 | SC-06522-S | UG/G  |
| <b>LEAD AVERAGE = 62.775 UG/G</b>     |         |       |            |       |
| <b>THALLIUM (6 SAMPLES)</b>           |         |       |            |       |
|                                       | 0.400   | 0.800 | SC-05902-S | UG/G  |
|                                       | 1.000   | 0.810 | SC-05906-S | UG/G  |
|                                       | 0.405   | 0.810 | SC-05918-S | UG/G  |
|                                       | 0.380   | 0.760 | SC-05910-S | UG/G  |
|                                       | 0.440   | 0.880 | SC-05914-S | UG/G  |
|                                       | 0.880   | 0.770 | SC-06522-S | UG/G  |
| <b>THALLIUM AVERAGE = 0.584 UG/G</b>  |         |       |            |       |

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## CU059 DATA REPORT (CONTINUED)

| PARAMETER | CONC | DL | LOCATION | UNITS |
|-----------|------|----|----------|-------|
|-----------|------|----|----------|-------|

## RADIUM-226 (6 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 1.839 | 0.240 | SC-05918-S | PCI/G |
| 2.384 | 0.270 | SC-05914-S | PCI/G |
| 2.225 | 0.290 | SC-05910-S | PCI/G |
| 2.293 | 0.240 | SC-05906-S | PCI/G |
| 1.793 | 0.330 | SC-05902-S | PCI/G |

RADIUM-226 AVERAGE = 2.107 PCI/G

2.039

This new average includes  
SC-05922-S (CR-226) = 1.7 pCi/g

## RADIUM-228 (6 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 1.240 | 0.300 | SC-05902-S | PCI/G |
| 1.220 | 0.240 | SC-05906-S | PCI/G |
| 1.340 | 0.310 | SC-05910-S | PCI/G |
| 1.250 | 0.410 | SC-05914-S | PCI/G |
| 1.460 | 0.330 | SC-05918-S | PCI/G |

RADIUM-228 AVERAGE = 1.307 PCI/G

1.275

This new average includes  
SC-05922-S (CR-228) = 1.14 pCi/g

## THORIUM-230 (16 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 2.430 | 2.270 | SC-05918-S | PCI/G |
| 2.370 | 2.270 | SC-05908-S | PCI/G |
| 2.630 | 2.270 | SC-05910-S | PCI/G |
| 2.450 | 2.270 | SC-05914-S | PCI/G |
| 2.810 | 2.270 | SC-05912-S | PCI/G |
| 2.450 | 2.270 | SC-05911-S | PCI/G |
| 2.470 | 2.270 | SC-05908-C | PCI/G |
| 2.380 | 2.270 | SC-05907-S | PCI/G |
| 2.400 | 2.270 | SC-05906-S | PCI/G |
| 2.530 | 2.270 | SC-05906-C | PCI/G |
| 2.620 | 2.270 | SC-05904-S | PCI/G |
| 2.480 | 2.270 | SC-05904-C | PCI/G |
| 2.790 | 2.270 | SC-05903-S | PCI/G |
| 2.520 | 2.270 | SC-05903-C | PCI/G |
| 2.480 | 2.270 | SC-05902-S | PCI/G |
| 3.600 | 2.270 | SC-05907-S | PCI/G |

THORIUM-230 AVERAGE = 2.588 PCI/G

2.507

This new average includes  
SC-05922-S (TH-230) = 1.21 pCi/g

## CU059 DATA REPORT (CONTINUED)

| PARAMETER                         | CONC   | DL    | LOCATION   | UNITS |
|-----------------------------------|--------|-------|------------|-------|
| URANIUM-238 (30 SAMPLES)          |        |       |            |       |
|                                   | 25.500 | 3.290 | SC-05920-S | PCI/G |
|                                   | 3.880  | 2.370 | SC-05817-S | PCI/G |
|                                   | 1.425  | 2.850 | SC-05813-S | PCI/G |
|                                   | 17.550 | 3.540 | SC-05809-S | PCI/G |
|                                   | 10.960 | 3.230 | SC-05805-S | PCI/G |
|                                   | 2.025  | 4.050 | SC-05901-S | PCI/G |
|                                   | 1.730  | 3.460 | SC-05902-S | PCI/G |
|                                   | 1.960  | 3.920 | SC-05903-S | PCI/G |
|                                   | 1.490  | 2.980 | SC-05904-S | PCI/G |
|                                   | 5.170  | 3.860 | SC-05905-S | PCI/G |
|                                   | 1.675  | 3.350 | SC-05906-S | PCI/G |
|                                   | 2.115  | 4.230 | SC-05907-S | PCI/G |
|                                   | 1.545  | 3.090 | SC-05908-S | PCI/G |
|                                   | 5.670  | 2.950 | SC-05909-S | PCI/G |
|                                   | 3.480  | 2.380 | SC-05910-S | PCI/G |
|                                   | 7.260  | 3.360 | SC-05911-S | PCI/G |
|                                   | 2.750  | 1.220 | SC-05912-S | PCI/G |
|                                   | 6.880  | 3.930 | SC-05913-S | PCI/G |
|                                   | 1.565  | 3.130 | SC-05914-S | PCI/G |
|                                   | 11.820 | 5.050 | SC-05915-S | PCI/G |
|                                   | 24.180 | 7.780 | SC-05916-S | PCI/G |
|                                   | 2.350  | 3.630 | SC-05917-S | PCI/G |
|                                   | 1.395  | 2.790 | SC-05918-S | PCI/G |
|                                   | 3.580  | 2.850 | SC-05919-S | PCI/G |
|                                   | 37.510 | 4.450 | SC-05507-S | PCI/G |
|                                   | 24.790 | 4.980 | SC-05501-S | PCI/G |
|                                   | 2.130  | 4.260 | SC-06521-S | PCI/G |
|                                   | 1.510  | 3.020 | SC-06522-S | PCI/G |
|                                   | 2.330  | 4.660 | SC-06523-S | PCI/G |
|                                   | 7.600  | 2.770 | SC-06524-S | PCI/G |
| URANIUM-238 AVERAGE = 7.461 PCI/G |        |       |            |       |

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

ES&H 12.1.1. Rev. 1, 03/96  
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SECTION I

1. Work Package Number: WP420 2. Date: 10/25/96 3. Review Form #: 96-088  
4. Remediation Unit Number: R1007 5. Confirmation Unit Number: C1060 (map attached)  
6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228  
TNT X PCB X PAH X As X Cr X Pb X TI  
+ Toluene

7. Results average below ALARA goal(s)? X Yes    No  
8. All results below cleanup criteria? X Yes    No  
9. Any results greater than 3X criteria?    Yes X No  
10. Hotspots present (less than 3X criteria)?    Yes X No

| Parameter  | Size | Concentration | Complies with Plan?        |
|------------|------|---------------|----------------------------|
| <u>ALL</u> |      |               | <u>  </u> Yes <u>  </u> No |
|            |      |               | <u>  </u> Yes <u>  </u> No |
|            |      |               | <u>  </u> Yes <u>  </u> No |
|            |      |               | <u>  </u> Yes <u>  </u> No |

11. Reviewer: Melvin A. Doty Date: 10/25/96  
12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)  
   Additional Excavation Required (Section IV)  
   ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: [Signature] Date: 10/25/96  
15. DOE Project Manager/Engineer: Thomas C. Pankay Date: 10/25/96  
16. Project Manager: [Signature] Date: 10/25/96  
17. Construction Engineer: James L. Sayer Date: 10/25/96

SEE ATTACHED RESULTS AND MAP



## CU060 DATA REPORT

## URANIUM-238

NUMBER OF URANIUM-238 SAMPLES IN DATABASE FOR THIS CU IS: 30

| PARAMETER   | LOCATION   | CONC | DL   | UNITS |
|-------------|------------|------|------|-------|
| URANIUM-238 | SC-06423-S | 2.44 | 4.89 | PCI/G |
| URANIUM-238 | SC-06424-S | 1.74 | 3.48 | PCI/G |
| URANIUM-238 | SC-06001-S | 1.63 | 3.26 | PCI/G |
| URANIUM-238 | SC-06519-S | 2.04 | 4.08 | PCI/G |
| URANIUM-238 | SC-06002-S | 1.66 | 3.31 | PCI/G |
| URANIUM-238 | SC-06520-S | 2.45 | 2.43 | PCI/G |
| URANIUM-238 | SC-06005-S | 1.90 | 3.79 | PCI/G |
| URANIUM-238 | SC-06003-S | 1.82 | 3.63 | PCI/G |
| URANIUM-238 | SC-06521-S | 2.13 | 4.26 | PCI/G |
| URANIUM-238 | SC-06006-S | 1.61 | 3.22 | PCI/G |
| URANIUM-238 | SC-06004-S | 1.56 | 3.12 | PCI/G |
| URANIUM-238 | SC-06009-S | 2.00 | 4.00 | PCI/G |
| URANIUM-238 | SC-06007-S | 1.54 | 3.08 | PCI/G |
| URANIUM-238 | SC-05901-S | 2.02 | 4.05 | PCI/G |
| URANIUM-238 | SC-06010-S | 2.19 | 4.39 | PCI/G |
| URANIUM-238 | SC-06008-S | 0.32 | 4.61 | PCI/G |
| URANIUM-238 | SC-06013-S | 2.73 | 1.83 | PCI/G |
| URANIUM-238 | SC-06011-S | 1.82 | 2.22 | PCI/G |
| URANIUM-238 | SC-05905-S | 5.17 | 3.86 | PCI/G |
| URANIUM-238 | SC-06014-S | 1.94 | 3.88 | PCI/G |
| URANIUM-238 | SC-06012-S | 3.94 | 2.66 | PCI/G |
| URANIUM-238 | SC-06017-S | 1.48 | 2.96 | PCI/G |
| URANIUM-238 | SC-06015-S | 1.62 | 2.65 | PCI/G |
| URANIUM-238 | SC-05909-S | 5.67 | 2.95 | PCI/G |
| URANIUM-238 | SC-06018-S | 1.57 | 3.15 | PCI/G |
| URANIUM-238 | SC-06016-S | 2.00 | 4.00 | PCI/G |
| URANIUM-238 | SC-06019-S | 4.13 | 2.31 | PCI/G |
| URANIUM-238 | SC-05913-S | 6.88 | 3.93 | PCI/G |
| URANIUM-238 | SC-06020-S | 1.93 | 3.85 | PCI/G |
| URANIUM-238 | SC-05917-S | 2.35 | 3.63 | PCI/G |

Average of URANIUM-238 values is 2.61 PCI/G, which is below ALARA, 30.00 PCI/G.  
Maximum single value is 6.88 PCI/G, which is below criteria, 120.00 PCI/G.

## THORIUM-230

NUMBER OF THORIUM-230 SAMPLES IN DATABASE FOR THIS CU IS: 15

| PARAMETER   | LOCATION   | CONC | DL   | UNITS |
|-------------|------------|------|------|-------|
| Thorium-230 | SC-06423-S | 1.09 | 0.72 | PCI/G |
| Thorium-230 | SC-06424-S | 0.96 | 0.72 | PCI/G |
| Thorium-230 | SC-06001-S | 1.02 | 0.72 | PCI/G |
| Thorium-230 | SC-06519-S | 0.96 | 0.72 | PCI/G |
| Thorium-230 | SC-06002-S | 0.88 | 0.72 | PCI/G |
| Thorium-230 | SC-06005-S | 0.98 | 0.72 | PCI/G |
| Thorium-230 | SC-06003-S | 0.87 | 0.72 | PCI/G |
| Thorium-230 | SC-06006-S | 0.91 | 0.72 | PCI/G |
| Thorium-230 | SC-06009-S | 0.99 | 0.72 | PCI/G |
| Thorium-230 | SC-06007-S | 1.01 | 0.72 | PCI/G |
| Thorium-230 | SC-06010-S | 0.92 | 0.72 | PCI/G |
| Thorium-230 | SC-06011-S | 0.80 | 0.72 | PCI/G |
| Thorium-230 | SC-06015-S | 0.79 | 0.72 | PCI/G |
| Thorium-230 | SC-06019-S | 0.86 | 0.72 | PCI/G |
| Thorium-230 | SC-06006-C | 0.86 | 0.72 | PCI/G |

Average of THORIUM-230 values is 0.93 PCI/G, which is below ALARA, 5.00 PCI/G.  
Maximum single value is 1.09 PCI/G, which is below criteria, 6.20 PCI/G.

## CU060 DATA REPORT (CONTINUED)

## RADIUM-226

NUMBER OF RADIUM-226 SAMPLES IN DATABASE FOR THIS CU IS: 15

| PARAMETER  | LOCATION   | CONC | DL   | UNITS |
|------------|------------|------|------|-------|
| RADIUM-226 | SC-06423-S | 2.16 | 0.30 | PCI/G |
| RADIUM-226 | SC-06424-S | 2.77 | 0.38 | PCI/G |
| RADIUM-226 | SC-06001-S | 2.02 | 0.30 | PCI/G |
| RADIUM-226 | SC-06519-S | 2.57 | 0.39 | PCI/G |
| RADIUM-226 | SC-06002-S | 2.27 | 0.31 | PCI/G |
| RADIUM-226 | SC-06005-S | 1.86 | 0.43 | PCI/G |
| RADIUM-226 | SC-06003-S | 1.84 | 0.25 | PCI/G |
| RADIUM-226 | SC-06006-S | 2.36 | 0.26 | PCI/G |
| RADIUM-226 | SC-06009-S | 1.27 | 0.35 | PCI/G |
| RADIUM-226 | SC-06007-S | 2.41 | 0.27 | PCI/G |
| RADIUM-226 | SC-06010-S | 2.04 | 0.45 | PCI/G |
| RADIUM-226 | SC-06011-S | 2.25 | 0.28 | PCI/G |
| RADIUM-226 | SC-06015-S | 2.29 | 0.39 | PCI/G |
| RADIUM-226 | SC-06019-S | 3.04 | 0.30 | PCI/G |
| RADIUM-226 | SC-06006-C | 2.07 | 0.24 | PCI/G |

Average of RADIUM-226 values is 2.21 PCI/G, which is below ALARA, 5.00 PCI/G.  
Maximum single value is 3.04 PCI/G, which is below criteria, 6.20 PCI/G.

## RADIUM-228

NUMBER OF RADIUM-228 SAMPLES IN DATABASE FOR THIS CU IS: 15

| PARAMETER  | LOCATION   | CONC | DL   | UNITS |
|------------|------------|------|------|-------|
| RADIUM-228 | SC-06423-S | 1.25 | 0.63 | PCI/G |
| RADIUM-228 | SC-06424-S | 1.27 | 0.43 | PCI/G |
| RADIUM-228 | SC-06001-S | 1.09 | 0.40 | PCI/G |
| RADIUM-228 | SC-06519-S | 1.36 | 0.67 | PCI/G |
| RADIUM-228 | SC-06002-S | 1.37 | 0.43 | PCI/G |
| RADIUM-228 | SC-06005-S | 1.37 | 0.35 | PCI/G |
| RADIUM-228 | SC-06003-S | 1.44 | 0.51 | PCI/G |
| RADIUM-228 | SC-06006-S | 0.43 | 0.86 | PCI/G |
| RADIUM-228 | SC-06009-S | 1.31 | 0.39 | PCI/G |
| RADIUM-228 | SC-06007-S | 1.33 | 0.38 | PCI/G |
| RADIUM-228 | SC-06010-S | 1.28 | 0.59 | PCI/G |
| RADIUM-228 | SC-06011-S | 1.17 | 0.48 | PCI/G |
| RADIUM-228 | SC-06015-S | 1.43 | 0.37 | PCI/G |
| RADIUM-228 | SC-06019-S | 1.40 | 0.49 | PCI/G |
| RADIUM-228 | SC-06006-C | 1.66 | 0.38 | PCI/G |

Average of RADIUM-228 values is 1.28 PCI/G, which is below ALARA, 5.00 PCI/G.  
Maximum single value is 1.66 PCI/G, which is below criteria, 6.20 PCI/G.

## CU060 DATA REPORT (CONTINUED)

## ARSENIC

NUMBER OF Arsenic SAMPLES IN DATABASE FOR THIS CU IS: 15

| PARAMETER | LOCATION   | CONC  | DL   | UNITS |
|-----------|------------|-------|------|-------|
| Arsenic   | SC-06423-S | 12.30 | 0.46 | UG/G  |
| Arsenic   | SC-06424-S | 10.90 | 0.49 | UG/G  |
| Arsenic   | SC-06001-S | 8.80  | 0.46 | UG/G  |
| Arsenic   | SC-06519-S | 10.70 | 0.46 | UG/G  |
| Arsenic   | SC-06005-S | 3.60  | 0.44 | UG/G  |
| Arsenic   | SC-06009-S | 5.30  | 0.43 | UG/G  |
| Arsenic   | SC-06007-S | 4.20  | 0.45 | UG/G  |
| Arsenic   | SC-06011-S | 6.00  | 0.45 | UG/G  |
| Arsenic   | SC-06015-S | 2.90  | 0.42 | UG/G  |
| Arsenic   | SC-06019-S | 5.70  | 0.41 | UG/G  |
| Arsenic   | SC-06003-S | 2.20  | 0.46 | UG/G  |
| Arsenic   | SC-06002-S | 10.40 | 0.40 | UG/G  |
| Arsenic   | SC-06006-C | 4.50  | 0.44 | UG/G  |
| Arsenic   | SC-06006-S | 7.40  | 0.40 | UG/G  |
| Arsenic   | SC-06010-S | 4.10  | 0.41 | UG/G  |

Average of Arsenic values is 6.59 UG/G, which is below ALARA, 45 UG/G.

Maximum single value is 12.30 UG/G, which is below criteria, 75 UG/G.

## CHROMIUM

NUMBER OF Chromium SAMPLES IN DATABASE FOR THIS CU IS: 15

| PARAMETER | LOCATION   | CONC  | DL   | UNITS |
|-----------|------------|-------|------|-------|
| Chromium  | SC-06423-S | 16.80 | 0.53 | UG/G  |
| Chromium  | SC-06424-S | 19.10 | 0.57 | UG/G  |
| Chromium  | SC-06001-S | 16.40 | 0.39 | UG/G  |
| Chromium  | SC-06519-S | 16.60 | 0.53 | UG/G  |
| Chromium  | SC-06005-S | 14.90 | 0.37 | UG/G  |
| Chromium  | SC-06009-S | 13.70 | 0.36 | UG/G  |
| Chromium  | SC-06007-S | 10.40 | 0.37 | UG/G  |
| Chromium  | SC-06011-S | 12.00 | 0.37 | UG/G  |
| Chromium  | SC-06015-S | 8.80  | 0.35 | UG/G  |
| Chromium  | SC-06019-S | 13.70 | 0.34 | UG/G  |
| Chromium  | SC-06003-S | 11.30 | 0.38 | UG/G  |
| Chromium  | SC-06002-S | 18.80 | 0.33 | UG/G  |
| Chromium  | SC-06006-C | 16.30 | 0.37 | UG/G  |
| Chromium  | SC-06006-S | 14.40 | 0.34 | UG/G  |
| Chromium  | SC-06010-S | 12.30 | 0.34 | UG/G  |

Average of Chromium values is 14.37 UG/G, which is below ALARA, 90.00 UG/G.

Maximum single value is 19.10 UG/G, which is below criteria, 110.00 UG/G.

## CU060 DATA REPORT (CONTINUED)

## LEAD

NUMBER OF Lead SAMPLES IN DATABASE FOR THIS CU IS: 15

| PARAMETER | LOCATION   | CONC  | DL   | UNITS |
|-----------|------------|-------|------|-------|
| Lead      | SC-06423-S | 24.30 | 0.32 | UG/G  |
| Lead      | SC-06424-S | 18.60 | 0.35 | UG/G  |
| Lead      | SC-06001-S | 12.20 | 0.21 | UG/G  |
| Lead      | SC-06519-S | 19.80 | 0.32 | UG/G  |
| Lead      | SC-06005-S | 7.10  | 0.19 | UG/G  |
| Lead      | SC-06009-S | 10.10 | 0.19 | UG/G  |
| Lead      | SC-06007-S | 17.70 | 0.20 | UG/G  |
| Lead      | SC-06011-S | 12.30 | 0.20 | UG/G  |
| Lead      | SC-06015-S | 8.80  | 0.19 | UG/G  |
| Lead      | SC-06019-S | 9.20  | 0.18 | UG/G  |
| Lead      | SC-06003-S | 19.00 | 0.20 | UG/G  |
| Lead      | SC-06002-S | 15.30 | 0.18 | UG/G  |
| Lead      | SC-06006-C | 8.20  | 0.19 | UG/G  |
| Lead      | SC-06006-S | 19.70 | 0.18 | UG/G  |
| Lead      | SC-06010-S | 7.80  | 0.18 | UG/G  |

Average of Lead values is 14.02 UG/G, which is below ALARA, 240.00 UG/G.  
Maximum single value is 24.30 UG/G, which is below criteria, 450 UG/G.

## THALLIUM

NUMBER OF Thallium SAMPLES IN DATABASE FOR THIS CU IS: 6

| PARAMETER | LOCATION   | CONC | DL   | UNITS |
|-----------|------------|------|------|-------|
| Thallium  | SC-06519-S | 0.91 | 0.73 | UG/G  |
| Thallium  | SC-06003-S | 0.45 | 0.89 | UG/G  |
| Thallium  | SC-06007-S | 0.44 | 0.87 | UG/G  |
| Thallium  | SC-06019-S | 0.40 | 0.79 | UG/G  |
| Thallium  | SC-06015-S | 0.41 | 0.81 | UG/G  |
| Thallium  | SC-06011-S | 1.40 | 0.87 | UG/G  |

Average of Thallium values is 0.67 UG/G, which is below ALARA, 16 UG/G.  
Maximum single value is 1.40 UG/G, which is below criteria, 20 UG/G.

## CU060 DATA REPORT (CONTINUED)

## PCB

NUMBER OF PCB SAMPLES IN DATABASE FOR THIS CU IS: 15

| PARAMETER | LOCATION   | CONC | DL | UNITS |
|-----------|------------|------|----|-------|
| PCB       | SC-06423-S | 0    | 38 | UG/KG |
| PCB       | SC-06424-S | 0    | 40 | UG/KG |
| PCB       | SC-06001-S | 0    | 43 | UG/KG |
| PCB       | SC-06002-S | 0    | 36 | UG/KG |
| PCB       | SC-06003-S | 0    | 42 | UG/KG |
| PCB       | SC-06005-S | 0    | 40 | UG/KG |
| PCB       | SC-06006-S | 0    | 37 | UG/KG |
| PCB       | SC-06006-C | 0    | 40 | UG/KG |
| PCB       | SC-06007-S | 0    | 41 | UG/KG |
| PCB       | SC-06009-S | 0    | 40 | UG/KG |
| PCB       | SC-06010-S | 0    | 38 | UG/KG |
| PCB       | SC-06011-S | 0    | 41 | UG/KG |
| PCB       | SC-06015-S | 0    | 38 | UG/KG |
| PCB       | SC-06019-S | 0    | 37 | UG/KG |
| PCB       | SC-06519-S | 0    | 38 | UG/KG |

Average of PCB values is 0 UG/KG, which is below ALARA, 650 UG/KG.  
 Maximum single value is 0 UG/KG, which is below criteria, 8000 UG/KG.

## PAH

NUMBER OF PAH SAMPLES IN DATABASE FOR THIS CU IS: 12

| PARAMETER | LOCATION   | CONC | DL     | UNITS    |
|-----------|------------|------|--------|----------|
| PAH       | SC-06519-S | 6.7  | 143.90 | 56 UG/KG |
| PAH       | SC-06520-S | 8.4  | 34.60  | 55 UG/KG |
| PAH       | SC-06521-S | 0    | 54.05  | 61 UG/KG |
| PAH       | SC-05901-S | 0    | 32.85  | 60 UG/KG |
| PAH       | SC-05905-S | 7.7  | 56.90  | 60 UG/KG |
| PAH       | SC-05909-S | 1513 | 57     | UG/KG    |
| PAH       | SC-05913-S | 2890 | 560    | UG/KG    |
| PAH       | SC-06003-S | 0    | 44     | UG/KG    |
| PAH       | SC-06007-S | 0    | 43     | UG/KG    |
| PAH       | SC-06011-S | 0    | 43     | UG/KG    |
| PAH       | SC-06015-S | 0    | 40     | UG/KG    |
| PAH       | SC-06019-S | 0    | 39     | UG/KG    |

Average of PAH values is 394.01 UG/KG, which is BELOW ALARA, 440 UG/KG.  
 Maximum single value is 2890 UG/KG, which is BELOW CRITERIA, 5600 UG/KG.

## TOLUENE

NUMBER OF TOLUENE SAMPLES IN DATABASE FOR THIS CU IS: 3

| PARAMETER | LOCATION   | CONC | DL  | UNITS |
|-----------|------------|------|-----|-------|
| TOLUENE   | SC-06016-S | 3.0  | 6.0 | UG/KG |
| TOLUENE   | SC-06020-S | 3.4  | 6.8 | UG/KG |
| TOLUENE   | SC-06019-C | 3500 | 170 | UG/KG |

The average TOLUENE concentration is 1168.8 UG/KG (1.17 MG/KG), with a maximum single value of 3500 UG/KG (3.5 MG/KG), which is below the ALARA Goal of 11,000 MG/KG.

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 10/07/96 3. Review Form #: 96-070  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU061 (map attached)  
6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228  
    TNT X PCB     PAH X As X Cr X Pb     TI

7. Results average below ALARA goal(s)? X Yes     No  
8. All results below cleanup criteria? X Yes     No  
9. Any results greater than 3X criteria?     Yes X No  
10. Hotspots present (less than 3X criteria)?     Yes X No

| Parameter  | Size | Concentration | Complies with Plan?          |
|------------|------|---------------|------------------------------|
| <u>N/A</u> |      |               | <u>   </u> Yes <u>   </u> No |
|            |      |               | <u>   </u> Yes <u>   </u> No |
|            |      |               | <u>   </u> Yes <u>   </u> No |
|            |      |               | <u>   </u> Yes <u>   </u> No |

11. Reviewer: Mel A. Lutz Date: 10/07/96

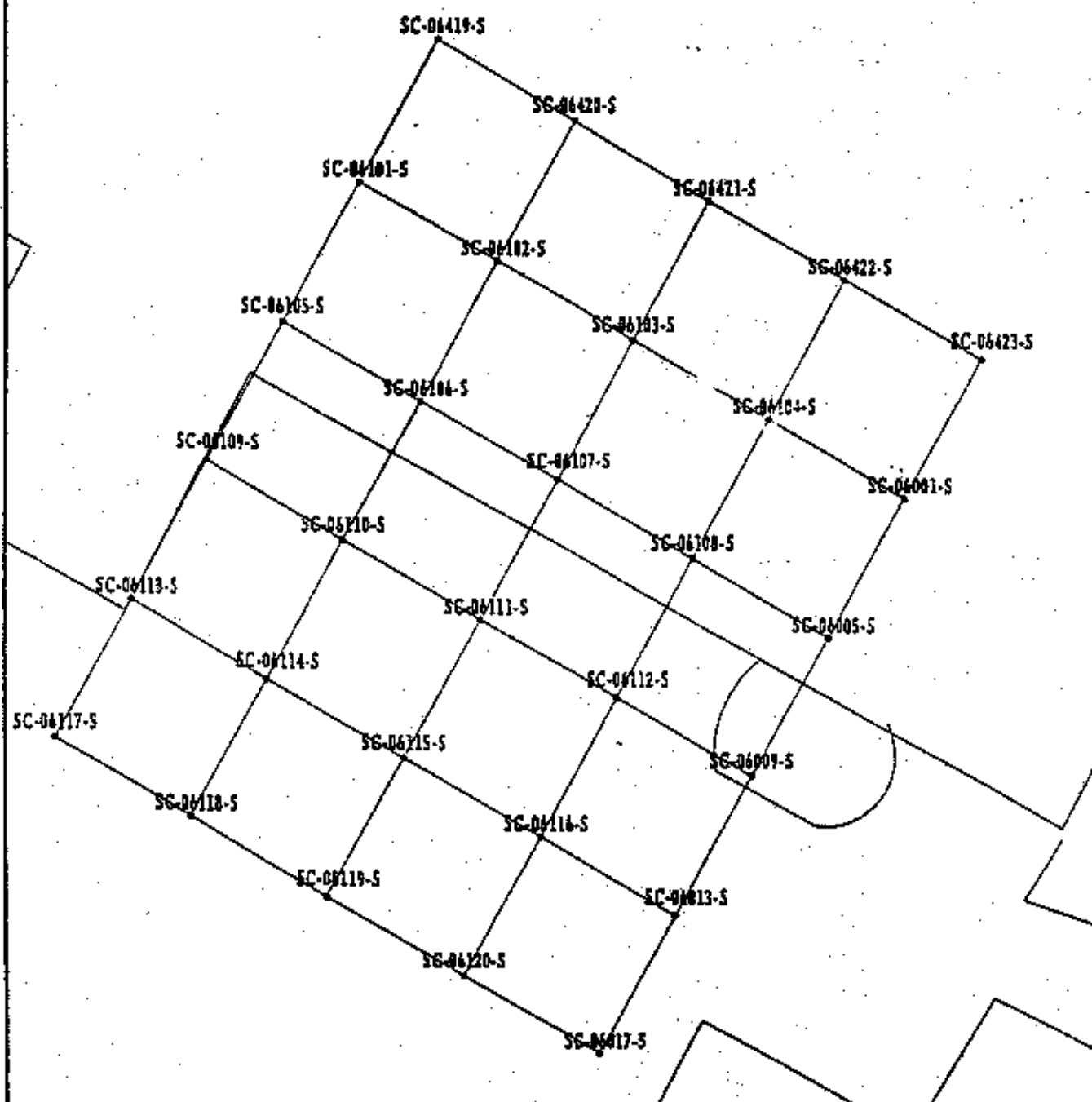
12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)  
    Additional Excavation Required (Section IV)  
    ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: [Signature] Date: 10/7/96  
15. DOE Project Manager/Engineer: [Signature] Date: 96/10/07  
16. Project Manager: [Signature] Date: 10/7/96  
17. Construction Engineer: [Signature] Date: 10/7/96

SEE ATTACHED RESULTS AND MAP



Sample Locations in Remedial Unit RU007  
Confirmation Unit CU061

Figure B-42

|                               |                                 |
|-------------------------------|---------------------------------|
| EXHIBIT NO.: 86 A/CP/124/1295 | REPORT NO.: DOE/OR/21548-590    |
| ORIGINATOR: MGL               | DRAWN BY: WSSRAP GIS DATE: 3/96 |

## CU061 DATA REPORT

## URANIUM-238

NUMBER OF 'URANIUM-238' SAMPLES IN DATABASE FOR THIS CU IS: 30

| PARAMETER   | LOCATION              | CONC  | DL   | UNITS |
|-------------|-----------------------|-------|------|-------|
| URANIUM-238 | SC-06419-S            | 9.82  | 4.79 | PCI/G |
| URANIUM-238 | SC-06420-S            | 1.54  | 3.08 | PCI/G |
| URANIUM-238 | SC-06101-S            | 7.51  | 4.03 | PCI/G |
| URANIUM-238 | SC-06421-S            | 3.33  | 3.5  | PCI/G |
| URANIUM-238 | SC-06102-S            | 2.415 | 4.83 | PCI/G |
| URANIUM-238 | SC-06422-S            | 1.99  | 3.98 | PCI/G |
| URANIUM-238 | SC-06105-S            | 2.465 | 4.93 | PCI/G |
| URANIUM-238 | SC-06103-S            | 1.475 | 2.95 | PCI/G |
| URANIUM-238 | SC-06423-S            | 2.445 | 4.89 | PCI/G |
| URANIUM-238 | SC-06106-S            | 3.11  | 1.96 | PCI/G |
| URANIUM-238 | SC-06104-S            | 2.26  | 4.52 | PCI/G |
| URANIUM-238 | SC-06109-S            | 1.475 | 2.95 | PCI/G |
| URANIUM-238 | SC-06107-S            | 4.57  | 2.33 | PCI/G |
| URANIUM-238 | SC-06001-S            | 1.63  | 3.26 | PCI/G |
| URANIUM-238 | SC-06110-S            | 2.06  | 4.12 | PCI/G |
| URANIUM-238 | SC-06108-S            | 8.15  | 3.77 | PCI/G |
| URANIUM-238 | <del>SC-06113-S</del> | 3.63  | 2.76 | PCI/G |
| URANIUM-238 | SC-06111-S            | 1.955 | 3.91 | PCI/G |
| URANIUM-238 | SC-06005-S            | 1.895 | 3.79 | PCI/G |
| URANIUM-238 | SC-06114-S            | 2.61  | 2.7  | PCI/G |
| URANIUM-238 | SC-06112-S            | 1.565 | 3.13 | PCI/G |
| URANIUM-238 | SC-06117-S            | 23.47 | 3.07 | PCI/G |
| URANIUM-238 | SC-06115-S            | 2.04  | 4.08 | PCI/G |
| URANIUM-238 | SC-06009-S            | 2     | 4    | PCI/G |
| URANIUM-238 | SC-06118-S            | 1.655 | 3.31 | PCI/G |
| URANIUM-238 | SC-06116-S            | 1.7   | 2.56 | PCI/G |
| URANIUM-238 | SC-06119-S            | 2.19  | 4.38 | PCI/G |
| URANIUM-238 | SC-06013-S            | 2.73  | 1.83 | PCI/G |
| URANIUM-238 | SC-06120-S            | 1.925 | 3.85 | PCI/G |
| URANIUM-238 | SC-06017-S            | 1.48  | 2.96 | PCI/G |

Average of 'URANIUM-238' values is 3.57 pCi/g, which is below ALARA, 30.0 pCi/g.  
 No single value is equal to or above criteria.

Maximum single value is 23.47 pCi/g, which is below criteria, 120.0 pCi/g.

## CU061 DATA REPORT (CONTINUED)

## THORIUM-230

NUMBER OF 'Thorium-230' SAMPLES IN DATABASE FOR THIS CU IS: 20

| PARAMETER   | LOCATION   | CONC | DL   | UNITS |
|-------------|------------|------|------|-------|
| Thorium-230 | SC-06419-S | 1.24 | 0.72 | PCI/G |
| Thorium-230 | SC-06420-S | 0.7  | 0.72 | PCI/G |
| Thorium-230 | SC-06101-S | 0.85 | 0.72 | PCI/G |
| Thorium-230 | SC-06421-S | 1.05 | 0.72 | PCI/G |
| Thorium-230 | SC-06102-S | 0.97 | 0.72 | PCI/G |
| Thorium-230 | SC-06422-S | 0.96 | 0.72 | PCI/G |
| Thorium-230 | SC-06105-S | 0.88 | 0.72 | PCI/G |
| Thorium-230 | SC-06103-S | 0.96 | 0.72 | PCI/G |
| Thorium-230 | SC-06423-S | 1.09 | 0.72 | PCI/G |
| Thorium-230 | SC-06106-S | 0.94 | 0.72 | PCI/G |
| Thorium-230 | SC-06104-S | 0.83 | 0.72 | PCI/G |
| Thorium-230 | SC-06109-S | 0.67 | 0.72 | PCI/G |
| Thorium-230 | SC-06107-S | 0.96 | 0.72 | PCI/G |
| Thorium-230 | SC-06001-S | 1.02 | 0.72 | PCI/G |
| Thorium-230 | SC-06110-S | 0.95 | 0.72 | PCI/G |
| Thorium-230 | SC-06108-S | 1.1  | 0.72 | PCI/G |
| Thorium-230 | SC-06111-S | 0.78 | 0.72 | PCI/G |
| Thorium-230 | SC-06005-S | 0.98 | 0.72 | PCI/G |
| Thorium-230 | SC-06112-S | 0.82 | 0.72 | PCI/G |
| Thorium-230 | SC-06009-S | 0.99 | 0.72 | PCI/G |

Average of 'Thorium-230' values is 0.937 pCi/g, which is below ALARA, 5.0 pCi/g.

No single value is equal to or above criteria.

Maximum single value is 1.24 pCi/g, which is below criteria, 6.2 pCi/g.

## CU061 DATA REPORT (CONTINUED)

## RADIUM-226

NUMBER OF 'RADIUM-226' SAMPLES IN DATABASE FOR THIS CU IS: 20

| PARAMETER  | LOCATION   | CONC   | DL   | UNITS |
|------------|------------|--------|------|-------|
| RADIUM-226 | SC-06419-S | 2.724  | 0.27 | PCI/G |
| RADIUM-226 | SC-06420-S | 1.8387 | 0.31 | PCI/G |
| RADIUM-226 | SC-06101-S | 2.0657 | 0.23 | PCI/G |
| RADIUM-226 | SC-06421-S | 2.6332 | 0.27 | PCI/G |
| RADIUM-226 | SC-06102-S | 1.7933 | 0.34 | PCI/G |
| RADIUM-226 | SC-06422-S | 2.8375 | 0.35 | PCI/G |
| RADIUM-226 | SC-06105-S | 1.7025 | 0.49 | PCI/G |
| RADIUM-226 | SC-06103-S | 2.1111 | 0.15 | PCI/G |
| RADIUM-226 | SC-06423-S | 2.1565 | 0.3  | PCI/G |
| RADIUM-226 | SC-06106-S | 1.8841 | 0.31 | PCI/G |
| RADIUM-226 | SC-06104-S | 2.7013 | 0.24 | PCI/G |
| RADIUM-226 | SC-06109-S | 1.8387 | 0.22 | PCI/G |
| RADIUM-226 | SC-06107-S | 2.27   | 0.22 | PCI/G |
| RADIUM-226 | SC-06001-S | 2.0203 | 0.3  | PCI/G |
| RADIUM-226 | SC-06110-S | 2.3381 | 0.34 | PCI/G |
| RADIUM-226 | SC-06108-S | 2.5197 | 0.34 | PCI/G |
| RADIUM-226 | SC-06111-S | 2.4062 | 0.25 | PCI/G |
| RADIUM-226 | SC-06005-S | 1.8614 | 0.43 | PCI/G |
| RADIUM-226 | SC-06112-S | 2.4289 | 0.24 | PCI/G |
| RADIUM-226 | SC-06009-S | 1.2712 | 0.35 | PCI/G |

Average of 'RADIUM-226' values is 2.17 pCi/g, which is below ALARA, 5.0 pCi/g.

No single value is equal to or above criteria.

Maximum single value is 2.84 pCi/g, which is below criteria, 6.2 pCi/g.

## RADIUM-228

NUMBER OF 'RADIUM-228' SAMPLES IN DATABASE FOR THIS CU IS: 20

| PARAMETER  | LOCATION   | CONC | DL   | UNITS |
|------------|------------|------|------|-------|
| RADIUM-228 | SC-06419-S | 1.48 | 0.6  | PCI/G |
| RADIUM-228 | SC-06420-S | 1.6  | 0.36 | PCI/G |
| RADIUM-228 | SC-06101-S | 1.33 | 0.59 | PCI/G |
| RADIUM-228 | SC-06421-S | 1.21 | 0.45 | PCI/G |
| RADIUM-228 | SC-06102-S | 1.37 | 0.58 | PCI/G |
| RADIUM-228 | SC-06422-S | 1.55 | 0.65 | PCI/G |
| RADIUM-228 | SC-06105-S | 1.12 | 0.66 | PCI/G |
| RADIUM-228 | SC-06103-S | 1.13 | 0.34 | PCI/G |
| RADIUM-228 | SC-06423-S | 1.25 | 0.63 | PCI/G |
| RADIUM-228 | SC-06106-S | 1.25 | 0.39 | PCI/G |
| RADIUM-228 | SC-06104-S | 1.23 | 0.77 | PCI/G |
| RADIUM-228 | SC-06109-S | 1.13 | 0.44 | PCI/G |
| RADIUM-228 | SC-06107-S | 1.4  | 0.48 | PCI/G |
| RADIUM-228 | SC-06001-S | 1.09 | 0.4  | PCI/G |
| RADIUM-228 | SC-06110-S | 1.3  | 0.48 | PCI/G |
| RADIUM-228 | SC-06108-S | 1.12 | 0.42 | PCI/G |
| RADIUM-228 | SC-06111-S | 1.26 | 0.39 | PCI/G |
| RADIUM-228 | SC-06005-S | 1.37 | 0.35 | PCI/G |
| RADIUM-228 | SC-06112-S | 1.26 | 0.31 | PCI/G |
| RADIUM-228 | SC-06009-S | 1.31 | 0.39 | PCI/G |

Average of 'RADIUM-228' values is 1.29 pCi/g, which is below ALARA, 5.0 pCi/g.

No single value is equal to or above criteria.

Maximum single value is 1.6 pCi/g, which is below criteria, 6.2 pCi/g.

## CU061 DATA REPORT (CONTINUED)

## ARSENIC

NUMBER OF 'Arsenic' SAMPLES IN DATABASE FOR THIS CU IS: 20

| PARAMETER | LOCATION   | CONC | DL   | UNITS |
|-----------|------------|------|------|-------|
| Arsenic   | SC-06419-S | 8.8  | 0.45 | UG/G  |
| Arsenic   | SC-06420-S | 5.1  | 0.48 | UG/G  |
| Arsenic   | SC-06101-S | 16   | 0.46 | UG/G  |
| Arsenic   | SC-06421-S | 10   | 0.44 | UG/G  |
| Arsenic   | SC-06102-S | 7.8  | 0.44 | UG/G  |
| Arsenic   | SC-06422-S | 11.9 | 0.49 | UG/G  |
| Arsenic   | SC-06105-S | 13.3 | 0.49 | UG/G  |
| Arsenic   | SC-06103-S | 6.1  | 0.43 | UG/G  |
| Arsenic   | SC-06423-S | 12.3 | 0.46 | UG/G  |
| Arsenic   | SC-06106-S | 4.5  | 0.48 | UG/G  |
| Arsenic   | SC-06104-S | 6.5  | 0.44 | UG/G  |
| Arsenic   | SC-06109-S | 5.8  | 0.46 | UG/G  |
| Arsenic   | SC-06107-S | 8    | 0.44 | UG/G  |
| Arsenic   | SC-06001-S | 8.8  | 0.46 | UG/G  |
| Arsenic   | SC-06110-S | 6.6  | 0.47 | UG/G  |
| Arsenic   | SC-06108-S | 7.9  | 0.45 | UG/G  |
| Arsenic   | SC-06111-S | 4.9  | 0.44 | UG/G  |
| Arsenic   | SC-06005-S | 3.6  | 0.44 | UG/G  |
| Arsenic   | SC-06112-S | 7.8  | 0.43 | UG/G  |
| Arsenic   | SC-06009-S | 5.2  | 0.43 | UG/G  |

Average of 'Arsenic' values is 8.045 UG/G, which is below ALARA, 45.0 UG/G.

No single value is equal to or above criteria.

Maximum single value is 16 UG/G, which is below criteria, 75 UG/G.

## CU061 DATA REPORT (CONTINUED)

## CHROMIUM

NUMBER OF 'Chromium' SAMPLES IN DATABASE FOR THIS CU IS: 20

| PARAMETER | LOCATION   | CONC | DL   | UNIT |
|-----------|------------|------|------|------|
| Chromium  | SC-06419-S | 15   | 0.52 | UG/G |
| Chromium  | SC-06420-S | 12.3 | 0.56 | UG/G |
| Chromium  | SC-06101-S | 14.4 | 0.52 | UG/G |
| Chromium  | SC-06421-S | 19.7 | 0.51 | UG/G |
| Chromium  | SC-06102-S | 15.2 | 0.37 | UG/G |
| Chromium  | SC-06422-S | 19.6 | 0.56 | UG/G |
| Chromium  | SC-06105-S | 17.5 | 0.41 | UG/G |
| Chromium  | SC-06103-S | 15.1 | 0.36 | UG/G |
| Chromium  | SC-06423-S | 15.8 | 0.53 | UG/G |
| Chromium  | SC-06106-S | 11.9 | 0.4  | UG/G |
| Chromium  | SC-06104-S | 13.7 | 0.36 | UG/G |
| Chromium  | SC-06109-S | 18.5 | 0.38 | UG/G |
| Chromium  | SC-06107-S | 15.5 | 0.37 | UG/G |
| Chromium  | SC-06001-S | 16.4 | 0.39 | UG/G |
| Chromium  | SC-06110-S | 11.7 | 0.39 | UG/G |
| Chromium  | SC-06108-S | 14.2 | 0.38 | UG/G |
| Chromium  | SC-06111-S | 10.9 | 0.36 | UG/G |
| Chromium  | SC-06005-S | 14.9 | 0.37 | UG/G |
| Chromium  | SC-06112-S | 14.7 | 0.36 | UG/G |
| Chromium  | SC-06009-S | 13.7 | 0.36 | UG/G |

Average of 'Chromium' values is 15.085 UG/G, which is below ALARA, 90.0 UG/G.

No single value is equal to or above criteria.

Maximum single value is 19.7, which is below criteria, 110.0.

## CU061 DATA REPORT (CONTINUED)

NUMBER OF 'Lead' SAMPLES IN DATABASE FOR THIS CU IS: 20

| PARAMETER | LOCATION   | CONC | DL   | UNITS |
|-----------|------------|------|------|-------|
| Lead      | SC-06419-S | 18.4 | 0.31 | UG/G  |
| Lead      | SC-06420-S | 9.9  | 0.34 | UG/G  |
| Lead      | SC-06101-S | 21.8 | 0.32 | UG/G  |
| Lead      | SC-06421-S | 16.4 | 0.31 | UG/G  |
| Lead      | SC-06102-S | 14.9 | 0.2  | UG/G  |
| Lead      | SC-06422-S | 10.6 | 0.34 | UG/G  |
| Lead      | SC-06105-S | 12.8 | 0.22 | UG/G  |
| Lead      | SC-06103-S | 8.9  | 0.19 | UG/G  |
| Lead      | SC-06423-S | 24.3 | 0.32 | UG/G  |
| Lead      | SC-06106-S | 10   | 0.21 | UG/G  |
| Lead      | SC-06104-S | 10.5 | 0.19 | UG/G  |
| Lead      | SC-06109-S | 8.4  | 0.2  | UG/G  |
| Lead      | SC-06107-S | 16.6 | 0.19 | UG/G  |
| Lead      | SC-06001-S | 12.2 | 0.21 | UG/G  |
| Lead      | SC-06110-S | 11.4 | 0.21 | UG/G  |
| Lead      | SC-06108-S | 14.6 | 0.2  | UG/G  |
| Lead      | SC-06111-S | 8.5  | 0.19 | UG/G  |
| Lead      | SC-06005-S | 7.1  | 0.19 | UG/G  |
| Lead      | SC-06112-S | 22.7 | 0.19 | UG/G  |
| Lead      | SC-06009-S | 10.1 | 0.19 | UG/G  |

Average of 'Lead' values is 13.51 UG/G, which is below ALARA, 240.0 UG/G.

No single value is equal to or above criteria.

Maximum single value is 24.3 UG/G, which is below criteria, 450 UG/G.

## CU061 DATA REPORT (CONTINUED)

## PCBs

NUMBER OF 'PCB' SAMPLES IN DATABASE FOR THIS CU IS: 20

| PARAMETER | LOCATION   | CONC | DL | UNITS |
|-----------|------------|------|----|-------|
| PCB       | SC-06419-S | 84   | 37 | UG/KG |
| PCB       | SC-06420-S | 0    | 40 | UG/KG |
| PCB       | SC-06101-S | 0    | 38 | UG/KG |
| PCB       | SC-06421-S | 0    | 37 | UG/KG |
| PCB       | SC-06102-S | 0    | 41 | UG/KG |
| PCB       | SC-06422-S | 0    | 40 | UG/KG |
| PCB       | SC-06105-S | 0    | 45 | UG/KG |
| PCB       | SC-06103-S | 0    | 40 | UG/KG |
| PCB       | SC-06423-S | 0    | 38 | UG/KG |
| PCB       | SC-06106-S | 0    | 44 | UG/KG |
| PCB       | SC-06104-S | 0    | 40 | UG/KG |
| PCB       | SC-06109-S | 0    | 42 | UG/KG |
| PCB       | SC-06107-S | 0    | 40 | UG/KG |
| PCB       | SC-06001-S | 0    | 43 | UG/KG |
| PCB       | SC-06110-S | 0    | 43 | UG/KG |
| PCB       | SC-06108-S | 0    | 42 | UG/KG |
| PCB       | SC-06111-S | 0    | 40 | UG/KG |
| PCB       | SC-06005-S | 0    | 40 | UG/KG |
| PCB       | SC-06112-S | 0    | 40 | UG/KG |
| PCB       | SC-06009-S | 0    | 40 | UG/KG |

Average of 'PCB' values is 4.2 UG/KG, which is below ALARA, 650 UG/KG (0.650 MG/KG).

No single value is equal to or above criteria

Maximum single value is 84 UG/KG, which is below criteria, 8000 UG/KG (8.0 MG/KG).

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP470 2. Date: 10/16/96 3. Review Form #: 96-081  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU067 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☐ Th-232 ☒ Ra-226 ☒ Ra-228  
☐ TNT ☒ PCB ☐ PAH ☒ As ☒ Cr ☒ Pb ☐ Ti

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter | Size | Concentration | Complies with Plan?                                      |
|-----------|------|---------------|--|
| N/A       |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: Melvin A. Ditz Date: 10/16/96

12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

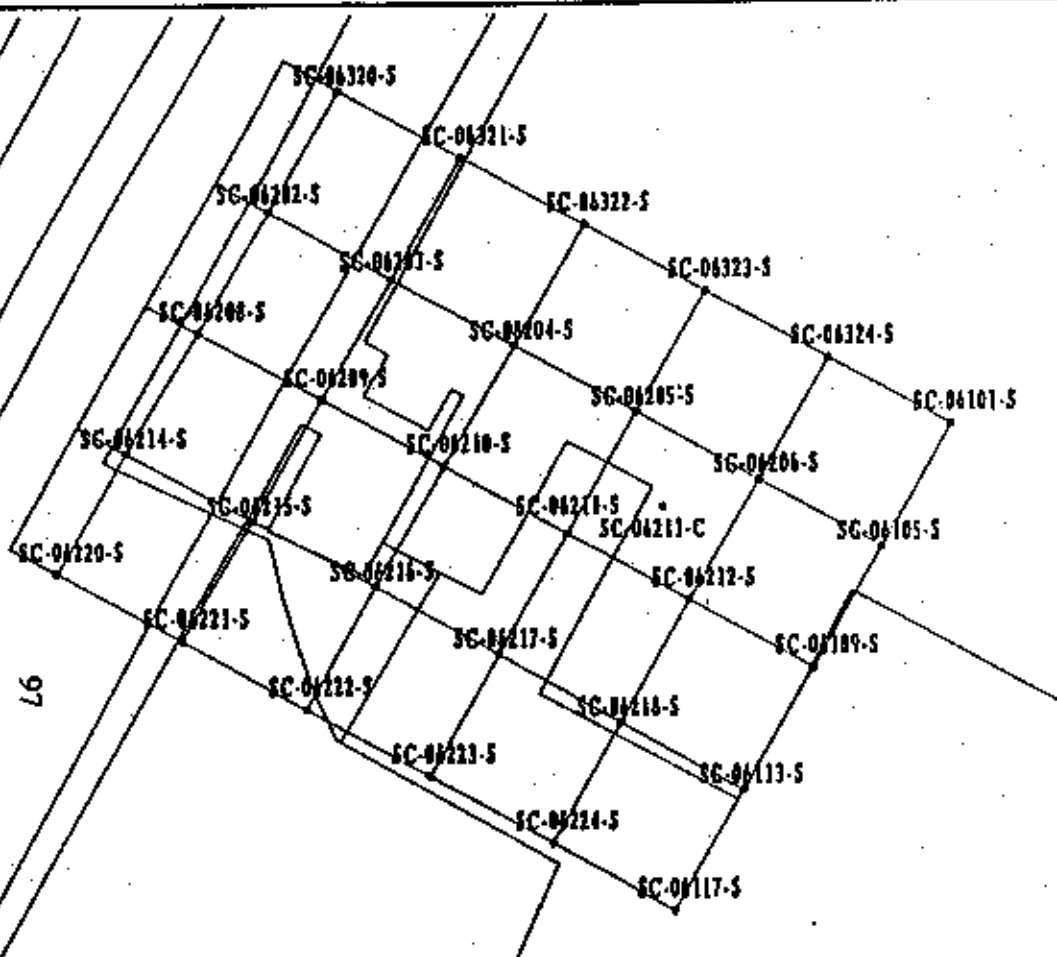
SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: James A. Loran for KAM Date: 10/16/96  
15. DOE Project Manager/Engineer: Thomas C. Paulig Date: 10/16/96  
16. Project Manager: [Signature] Date: 10/16/96  
17. Construction Engineer: [Signature] Date: 10/16/96

SEE ATTACHED RESULTS AND MAP

Note: No Utility



10 5 0 10 METERS

30 15 0 30 FEET



Review Form: 96-081

Sample Locations in Remedial Unit RU007  
Confirmation Unit CU062

Figure B-43

|                            |                                 |
|----------------------------|---------------------------------|
| EXHIBIT NO.: AICP/125/1295 | REPORT NO.: DOE/OE/21548-590    |
| ORIGINATOR: MGL            | DRAWN BY: WSSRAP GIS DATE: 3/96 |

## CU062 DATA REPORT

## URANIUM 238

NUMBER OF URANIUM-238 SAMPLES IN DATABASE FOR THIS CU IS: 31

| PARAMETER   | LOCATION      | CONC  | DL   | UNITS |
|-------------|---------------|-------|------|-------|
| URANIUM-238 | SC-06320-S    | 2.74  | 5.48 | PCI/G |
| URANIUM-238 | SC-06321-S    | 5.59  | 3.00 | PCI/G |
| URANIUM-238 | SC-06202-S    | 5.24  | 3.99 | PCI/G |
| URANIUM-238 | SC-06322-S    | 2.09  | 4.18 | PCI/G |
| URANIUM-238 | SC-06203-S    | 7.13  | 4.12 | PCI/G |
| URANIUM-238 | SC-06323-S    | 4.81  | 2.30 | PCI/G |
| URANIUM-238 | SC-06208-S    | 7.41  | 3.03 | PCI/G |
| URANIUM-238 | SC-06204-S    | 6.59  | 4.12 | PCI/G |
| URANIUM-238 | SC-06324-S    | 2.17  | 4.33 | PCI/G |
| URANIUM-238 | SC-06209-S    | 10.52 | 3.33 | PCI/G |
| URANIUM-238 | SC-06205-S    | 1.64  | 3.28 | PCI/G |
| URANIUM-238 | SC-06101-S    | 7.51  | 4.03 | PCI/G |
| URANIUM-238 | SC-06214-S    | 1.62  | 3.23 | PCI/G |
| URANIUM-238 | SC-06210-S    | 8.69  | 2.45 | PCI/G |
| URANIUM-238 | SC-06206-S    | 3.64  | 3.42 | PCI/G |
| URANIUM-238 | SC-06215-S    | 1.62  | 3.23 | PCI/G |
| URANIUM-238 | SC-06211-S    | 4.25  | 4.09 | PCI/G |
| URANIUM-238 | SC-06105-S    | 2.46  | 4.93 | PCI/G |
| URANIUM-238 | SC-06220-S    | 2.15  | 4.30 | PCI/G |
| URANIUM-238 | SC-06216-S    | 3.66  | 2.97 | PCI/G |
| URANIUM-238 | SC-06212-S    | 2.94  | 2.74 | PCI/G |
| URANIUM-238 | SC-06221-S    | 1.67  | 3.34 | PCI/G |
| URANIUM-238 | SC-06217-S    | 39.88 | 6.58 | PCI/G |
| URANIUM-238 | SC-06109-S    | 1.48  | 2.95 | PCI/G |
| URANIUM-238 | SC-06222-S    | 8.29  | 3.24 | PCI/G |
| URANIUM-238 | SC-06218-S    | 8.39  | 2.98 | PCI/G |
| URANIUM-238 | SC-06223-S    | 7.00  | 2.60 | PCI/G |
| URANIUM-238 | SC-06113-S-RS | 2.00  | 4.00 | PCI/G |
| URANIUM-238 | SC-06224-S    | 4.88  | 2.88 | PCI/G |
| URANIUM-238 | SC-06117-S    | 23.47 | 3.07 | PCI/G |
| URANIUM-238 | SC-06211-C    | 2.23  | 4.47 | PCI/G |

Average of URANIUM-238 values is 6.25 PCI/G, which is below ALARA, 30.00 PCI/G.  
 Maximum single value is 39.88 PCI/G, which is below criteria, 120.00 PCI/G.

# THORIUM 230

NUMBER OF Thorium-230 SAMPLES IN DATABASE FOR THIS CU IS: 23

| PARAMETER   | LOCATION   | CONC | DL   | UNITS |
|-------------|------------|------|------|-------|
| Thorium-230 | SC-06320-S | 1.02 | 0.72 | PCI/G |
| Thorium-230 | SC-06321-S | 1.09 | 0.72 | PCI/G |
| Thorium-230 | SC-06322-S | 1.13 | 0.72 | PCI/G |
| Thorium-230 | SC-06203-S | 1.26 | 0.72 | PCI/G |
| Thorium-230 | SC-06323-S | 0.95 | 0.72 | PCI/G |
| Thorium-230 | SC-06204-S | 1.32 | 0.72 | PCI/G |
| Thorium-230 | SC-06324-S | 0.95 | 0.72 | PCI/G |
| Thorium-230 | SC-06209-S | 1.38 | 0.72 | PCI/G |
| Thorium-230 | SC-06205-S | 0.79 | 0.72 | PCI/G |
| Thorium-230 | SC-06101-S | 0.85 | 0.72 | PCI/G |
| Thorium-230 | SC-06210-S | 1.16 | 0.72 | PCI/G |
| Thorium-230 | SC-06206-S | 0.82 | 0.72 | PCI/G |
| Thorium-230 | SC-06215-S | 0.99 | 0.72 | PCI/G |
| Thorium-230 | SC-06211-S | 1.21 | 0.72 | PCI/G |
| Thorium-230 | SC-06105-S | 0.88 | 0.72 | PCI/G |
| Thorium-230 | SC-06216-S | 1.14 | 0.72 | PCI/G |
| Thorium-230 | SC-06212-S | 0.84 | 0.72 | PCI/G |
| Thorium-230 | SC-06217-S | 1.73 | 0.72 | PCI/G |
| Thorium-230 | SC-06109-S | 0.67 | 0.72 | PCI/G |
| Thorium-230 | SC-06222-S | 1.38 | 0.72 | PCI/G |
| Thorium-230 | SC-06218-S | 1.64 | 0.72 | PCI/G |
| Thorium-230 | SC-06223-S | 1.18 | 0.72 | PCI/G |
| Thorium-230 | SC-06224-S | 1.08 | 0.72 | PCI/G |

Average of Thorium-230 values is 1.11 PCI/G, which is below ALARA, 5.00 PCI/G.  
Maximum single value is 1.73 PCI/G, which is below criteria, 6.20 PCI/G.

# RADIUM-226

NUMBER OF RADIUM-226 SAMPLES IN DATABASE FOR THIS CU IS: 25

| PARAMETER  | LOCATION   | CONCENTRATION | DETECTION LIMIT | UNITS |
|------------|------------|---------------|-----------------|-------|
| RADIUM-226 | SC-06320-S | 2.41          | 0.27            | PCI/G |
| RADIUM-226 | SC-06321-S | 2.38          | 0.26            | PCI/G |
| RADIUM-226 | SC-06322-S | 2.68          | 0.32            | PCI/G |
| RADIUM-226 | SC-06203-S | 2.61          | 0.38            | PCI/G |
| RADIUM-226 | SC-06323-S | 1.86          | 0.23            | PCI/G |
| RADIUM-226 | SC-06204-S | 1.91          | 0.41            | PCI/G |
| RADIUM-226 | SC-06324-S | 2.18          | 0.33            | PCI/G |
| RADIUM-226 | SC-06209-S | 2.41          | 0.32            | PCI/G |
| RADIUM-226 | SC-06205-S | 2.07          | 0.27            | PCI/G |
| RADIUM-226 | SC-06101-S | 2.07          | 0.23            | PCI/G |
| RADIUM-226 | SC-06210-S | 2.07          | 0.30            | PCI/G |
| RADIUM-226 | SC-06206-S | 2.18          | 0.30            | PCI/G |
| RADIUM-226 | SC-06215-S | 1.88          | 0.29            | PCI/G |
| RADIUM-226 | SC-06211-S | 2.41          | 0.32            | PCI/G |
| RADIUM-226 | SC-06105-S | 1.70          | 0.49            | PCI/G |
| RADIUM-226 | SC-06220-S | 2.32          | 0.40            | PCI/G |
| RADIUM-226 | SC-06216-S | 3.36          | 0.30            | PCI/G |
| RADIUM-226 | SC-06212-S | 2.11          | 0.30            | PCI/G |
| RADIUM-226 | SC-06221-S | 2.79          | 0.26            | PCI/G |
| RADIUM-226 | SC-06217-S | 2.25          | 0.37            | PCI/G |
| RADIUM-226 | SC-06109-S | 1.84          | 0.22            | PCI/G |
| RADIUM-226 | SC-06222-S | 2.88          | 0.21            | PCI/G |
| RADIUM-226 | SC-06218-S | 2.63          | 0.26            | PCI/G |
| RADIUM-226 | SC-06223-S | 2.04          | 0.28            | PCI/G |
| RADIUM-226 | SC-06224-S | 2.45          | 0.35            | PCI/G |

Average of RADIUM-226 values is 2.30 PCI/G, which is below ALARA, 5.00 PCI/G.

Maximum single value is 3.36 PCI/G, which is below criteria, 6.20 PCI/G.

# RADIUM 228

NUMBER OF 'RADIUM-228' SAMPLES IN DATABASE FOR THIS CU IS: 25

| PARAMETER  | LOCATION   | CONC | DL   | UNITS |
|------------|------------|------|------|-------|
| RADIUM-228 | SC-06320-S | 1.97 | 0.47 | PCI/G |
| RADIUM-228 | SC-06321-S | 1.43 | 0.46 | PCI/G |
| RADIUM-228 | SC-06322-S | 1.53 | 0.56 | PCI/G |
| RADIUM-228 | SC-06203-S | 1.32 | 0.58 | PCI/G |
| RADIUM-228 | SC-06323-S | 1.23 | 0.36 | PCI/G |
| RADIUM-228 | SC-06204-S | 1.21 | 0.74 | PCI/G |
| RADIUM-228 | SC-06324-S | 1.40 | 0.56 | PCI/G |
| RADIUM-228 | SC-06209-S | 1.38 | 0.40 | PCI/G |
| RADIUM-228 | SC-06205-S | 1.48 | 0.39 | PCI/G |
| RADIUM-228 | SC-06101-S | 1.33 | 0.59 | PCI/G |
| RADIUM-228 | SC-06210-S | 1.21 | 0.37 | PCI/G |
| RADIUM-228 | SC-06206-S | 1.70 | 0.31 | PCI/G |
| RADIUM-228 | SC-06215-S | 1.22 | 0.44 | PCI/G |
| RADIUM-228 | SC-06211-S | 1.54 | 0.63 | PCI/G |
| RADIUM-228 | SC-06105-S | 1.12 | 0.66 | PCI/G |
| RADIUM-228 | SC-06220-S | 1.52 | 0.15 | PCI/G |
| RADIUM-228 | SC-06216-S | 1.40 | 0.38 | PCI/G |
| RADIUM-228 | SC-06212-S | 1.25 | 0.49 | PCI/G |
| RADIUM-228 | SC-06221-S | 1.49 | 0.44 | PCI/G |
| RADIUM-228 | SC-06217-S | 2.69 | 0.86 | PCI/G |
| RADIUM-228 | SC-06109-S | 1.13 | 0.44 | PCI/G |
| RADIUM-228 | SC-06222-S | 1.18 | 0.57 | PCI/G |
| RADIUM-228 | SC-06218-S | 1.36 | 0.32 | PCI/G |
| RADIUM-228 | SC-06223-S | 1.10 | 0.39 | PCI/G |
| RADIUM-228 | SC-06224-S | 0.60 | 1.21 | PCI/G |

Average of RADIUM-228 values is 1.39 PCI/G, which is below ALARA, 5.00 PCI/G.

Maximum single value is 2.69 PCI/G, which is below criteria, 6.20 PCI/G.

# ARSENIC

NUMBER OF Arsenic SAMPLES IN DATABASE FOR THIS CU IS: 23

| PARAMETER | LOCATION   | CONC  | DL   | UNITS |
|-----------|------------|-------|------|-------|
| Arsenic   | SC-06320-S | 11.30 | 0.46 | UG/G  |
| Arsenic   | SC-06321-S | 9.50  | 0.45 | UG/G  |
| Arsenic   | SC-06322-S | 24.60 | 0.47 | UG/G  |
| Arsenic   | SC-06203-S | 17.40 | 0.42 | UG/G  |
| Arsenic   | SC-06323-S | 6.50  | 0.50 | UG/G  |
| Arsenic   | SC-06204-S | 10.30 | 0.45 | UG/G  |
| Arsenic   | SC-06324-S | 4.50  | 0.44 | UG/G  |
| Arsenic   | SC-06209-S | 8.80  | 0.40 | UG/G  |
| Arsenic   | SC-06205-S | 6.20  | 0.43 | UG/G  |
| Arsenic   | SC-06101-S | 16.00 | 0.46 | UG/G  |
| Arsenic   | SC-06210-S | 10.60 | 0.41 | UG/G  |
| Arsenic   | SC-06206-S | 8.30  | 0.44 | UG/G  |
| Arsenic   | SC-06215-S | 6.30  | 0.41 | UG/G  |
| Arsenic   | SC-06211-S | 7.30  | 0.44 | UG/G  |
| Arsenic   | SC-06105-S | 13.30 | 0.49 | UG/G  |
| Arsenic   | SC-06216-S | 7.60  | 0.45 | UG/G  |
| Arsenic   | SC-06212-S | 18.80 | 0.45 | UG/G  |
| Arsenic   | SC-06217-S | 8.20  | 0.41 | UG/G  |
| Arsenic   | SC-06109-S | 5.80  | 0.46 | UG/G  |
| Arsenic   | SC-06222-S | 19.10 | 0.50 | UG/G  |
| Arsenic   | SC-06218-S | 9.00  | 0.41 | UG/G  |
| Arsenic   | SC-06223-S | 9.90  | 0.52 | UG/G  |
| Arsenic   | SC-06224-S | 8.30  | 0.54 | UG/G  |

Average of Arsenic values is 10.77 UG/G, which is below ALARA, 45.00 UG/G.

Maximum single value is 24.60 UG/G, which is below criteria, 75 UG/G.

# CHROMIUM

NUMBER OF Chromium SAMPLES IN DATABASE FOR THIS CU IS: 23

| PARAMETER | LOCATION   | CONC  | DL   | UNITS |
|-----------|------------|-------|------|-------|
| Chromium  | SC-06320-S | 14.80 | 0.52 | UG/G  |
| Chromium  | SC-06321-S | 19.50 | 0.51 | UG/G  |
| Chromium  | SC-06322-S | 17.10 | 0.54 | UG/G  |
| Chromium  | SC-06203-S | 16.50 | 0.35 | UG/G  |
| Chromium  | SC-06323-S | 16.80 | 0.57 | UG/G  |
| Chromium  | SC-06204-S | 17.30 | 0.37 | UG/G  |
| Chromium  | SC-06324-S | 13.00 | 0.50 | UG/G  |
| Chromium  | SC-06209-S | 16.10 | 0.33 | UG/G  |
| Chromium  | SC-06205-S | 11.90 | 0.36 | UG/G  |
| Chromium  | SC-06101-S | 14.40 | 0.52 | UG/G  |
| Chromium  | SC-06210-S | 17.50 | 0.34 | UG/G  |
| Chromium  | SC-06206-S | 12.80 | 0.37 | UG/G  |
| Chromium  | SC-06215-S | 15.90 | 0.34 | UG/G  |
| Chromium  | SC-06211-S | 15.20 | 0.37 | UG/G  |
| Chromium  | SC-06105-S | 17.50 | 0.41 | UG/G  |
| Chromium  | SC-06216-S | 10.90 | 0.37 | UG/G  |
| Chromium  | SC-06212-S | 13.10 | 0.37 | UG/G  |
| Chromium  | SC-06217-S | 21.50 | 0.34 | UG/G  |
| Chromium  | SC-06109-S | 18.50 | 0.38 | UG/G  |
| Chromium  | SC-06222-S | 22.20 | 0.58 | UG/G  |
| Chromium  | SC-06218-S | 22.60 | 0.34 | UG/G  |
| Chromium  | SC-06223-S | 15.20 | 0.60 | UG/G  |
| Chromium  | SC-06224-S | 20.80 | 0.62 | UG/G  |

Average of Chromium values is 16.57 UG/G, which is below ALARA, 90.00 UG/G.  
Maximum single value is 22.60 UG/G, which is below criteria, 110.00 UG/G.

# LEAD

NUMBER OF Lead SAMPLES IN DATABASE FOR THIS CU IS: 23

| PARAM | LOCATION   | CONC  | DL   | UNITS |
|-------|------------|-------|------|-------|
| Lead  | SC-06320-S | 27.30 | 0.32 | UG/G  |
| Lead  | SC-06321-S | 11.00 | 0.31 | UG/G  |
| Lead  | SC-06322-S | 16.20 | 0.33 | UG/G  |
| Lead  | SC-06203-S | 44.10 | 0.19 | UG/G  |
| Lead  | SC-06323-S | 13.80 | 0.35 | UG/G  |
| Lead  | SC-06204-S | 18.80 | 0.20 | UG/G  |
| Lead  | SC-06324-S | 8.60  | 0.31 | UG/G  |
| Lead  | SC-06209-S | 16.10 | 0.18 | UG/G  |
| Lead  | SC-06205-S | 12.40 | 0.19 | UG/G  |
| Lead  | SC-06101-S | 21.80 | 0.32 | UG/G  |
| Lead  | SC-06210-S | 18.20 | 0.18 | UG/G  |
| Lead  | SC-06206-S | 13.40 | 0.20 | UG/G  |
| Lead  | SC-06215-S | 10.20 | 0.18 | UG/G  |
| Lead  | SC-06211-S | 18.10 | 0.20 | UG/G  |
| Lead  | SC-06105-S | 12.80 | 0.22 | UG/G  |
| Lead  | SC-06216-S | 17.60 | 0.20 | UG/G  |
| Lead  | SC-06212-S | 15.60 | 0.20 | UG/G  |
| Lead  | SC-06217-S | 28.70 | 0.18 | UG/G  |
| Lead  | SC-06109-S | 8.40  | 0.20 | UG/G  |
| Lead  | SC-06222-S | 19.00 | 0.35 | UG/G  |
| Lead  | SC-06218-S | 11.80 | 0.18 | UG/G  |
| Lead  | SC-06223-S | 21.40 | 0.36 | UG/G  |
| Lead  | SC-06224-S | 11.40 | 0.38 | UG/G  |

Average of Lead values is 17.25 UG/G, which is below ALARA, 240.00 UG/G.

Maximum single value is 44.10 UG/G, which is below criteria, 450 UG/G.

# PCBs

NUMBER OF PCB SAMPLES IN DATABASE FOR THIS CU IS: 23

| PARAM | LOCATION   | CONC | DL | UNITS |
|-------|------------|------|----|-------|
| PCB   | SC-06320-S | 140  | 38 | UG/KG |
| PCB   | SC-06321-S | 530  | 37 | UG/KG |
| PCB   | SC-06322-S | 0    | 39 | UG/KG |
| PCB   | SC-06203-S | 0    | 39 | UG/KG |
| PCB   | SC-06323-S | 0    | 41 | UG/KG |
| PCB   | SC-06204-S | 65   | 41 | UG/KG |
| PCB   | SC-06324-S | 0    | 36 | UG/KG |
| PCB   | SC-06209-S | 690  | 37 | UG/KG |
| PCB   | SC-06205-S | 0    | 39 | UG/KG |
| PCB   | SC-06101-S | 0    | 38 | UG/KG |
| PCB   | SC-06210-S | 290  | 38 | UG/KG |
| PCB   | SC-06206-S | 0    | 41 | UG/KG |
| PCB   | SC-06215-S | 0    | 37 | UG/KG |
| PCB   | SC-06211-S | 54   | 41 | UG/KG |
| PCB   | SC-06105-S | 0    | 45 | UG/KG |
| PCB   | SC-06216-S | 0    | 41 | UG/KG |
| PCB   | SC-06212-S | 0    | 41 | UG/KG |
| PCB   | SC-06217-S | 370  | 37 | UG/KG |
| PCB   | SC-06109-S | 0    | 42 | UG/KG |
| PCB   | SC-06222-S | 0    | 42 | UG/KG |
| PCB   | SC-06218-S | 120  | 38 | UG/KG |
| PCB   | SC-06223-S | 0    | 43 | UG/KG |
| PCB   | SC-06224-S | 0    | 44 | UG/KG |

Average of PCB values is 98.22 UG/KG, which is below ALARA, 650 UG/KG.  
Maximum single value is 690 UG/KG, which is below criteria, 8000 UG/KG.

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP470 2. Date: 09-26-96 3. Review Form #: 96-067  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU063 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☒ Th-232 ☒ Ra-226 ☒ Ra-228  
☐ TNT ☒ PCB ☐ PAH ☒ As ☒ Cr ☒ Pb ☐ Ti

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter  | Size | Concentration | Complies with Plan?                                      |
|------------|------|---------------|--|
| <u>N/A</u> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: Melvin H. Long Date: 9/26/96

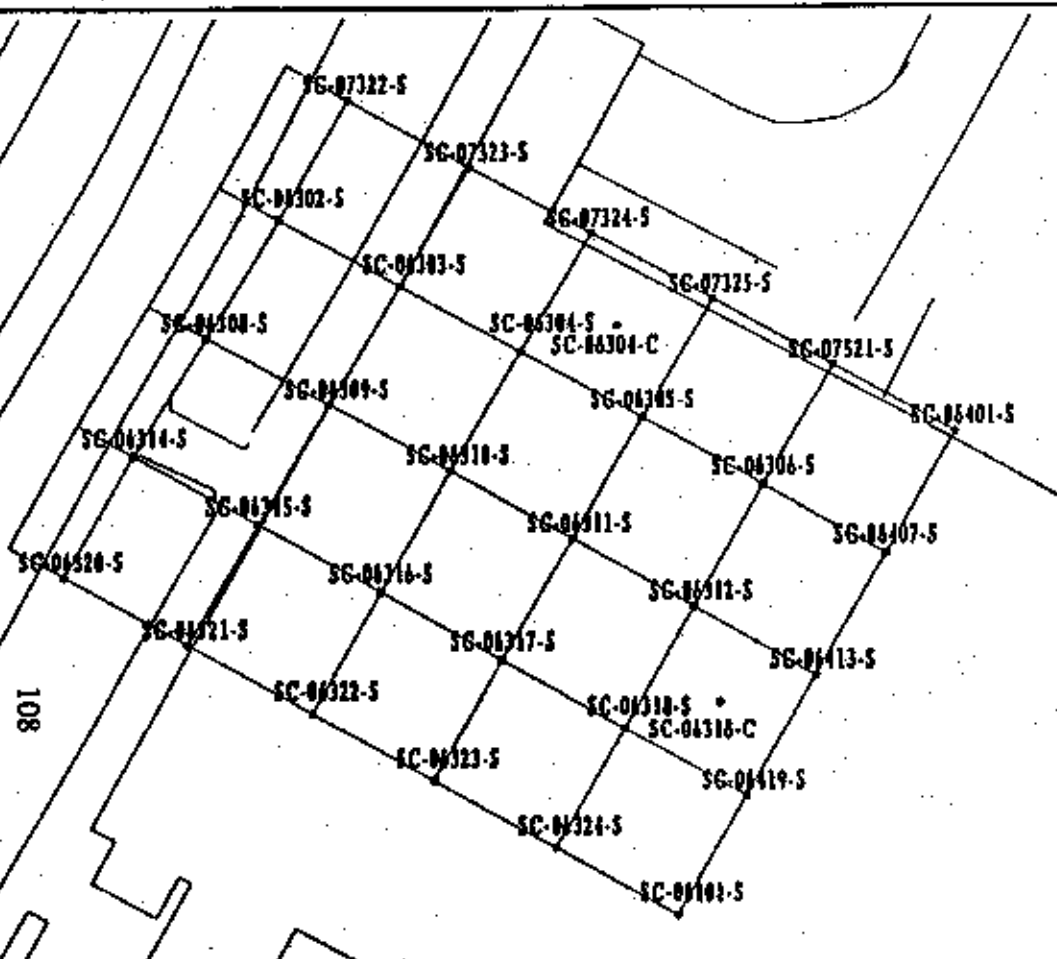
12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: [Signature] Date: 9/27/96  
15. DOE Project Manager/Engineer: Thomas C. Farley Date: 9/27/96  
16. Project Manager: [Signature] Date: 9/27/96  
17. Construction Engineer: Daniel L. Tappin Date: 9/27/96

SEE ATTACHED RESULTS AND MAP



No utility trenches.

Review Form # 96-067

Sample Locations in Remedial Unit RU007  
Confirmation Unit CU063

Figure B-44

|                            |                                 |
|----------------------------|---------------------------------|
| EXHIBIT NO.: AICP/126/1295 | REPORT NO.: DOE/O2/21546-590    |
| ORIGINATOR: MGL            | DRAWN BY: W55RAP GIS DATE: 3/96 |

09/26/96

PAGE 1

## CU063 DATA REPORT

| PARAMETER        | CONC      | DL      | LOCATION   | UNITS |
|------------------|-----------|---------|------------|-------|
| PCB (29 SAMPLES) |           |         |            |       |
|                  | 0.000     | 39.000  | SC-06407-S | UG/KG |
|                  | 84.000    | 37.000  | SC-06419-S | UG/KG |
|                  | 0.000     | 38.000  | SC-06413-S | UG/KG |
|                  | 0.000     | 43.000  | SC-06401-S | UG/KG |
|                  | 140.000   | 38.000  | SC-06320-S | UG/KG |
|                  | 0.000     | 39.000  | SC-06318-C | UG/KG |
|                  | 0.000     | 38.000  | SC-06318-S | UG/KG |
|                  | 0.000     | 41.000  | SC-06317-S | UG/KG |
|                  | 530.000   | 37.000  | SC-06321-S | UG/KG |
|                  | 0.000     | 40.000  | SC-07323-S | UG/KG |
|                  | 150.000   | 36.000  | SC-07322-S | UG/KG |
|                  | 0.000     | 40.000  | SC-06316-S | UG/KG |
|                  | 89.000    | 36.000  | SC-06314-S | UG/KG |
|                  | 0.000     | 40.000  | SC-06315-S | UG/KG |
|                  | 0.000     | 40.000  | SC-06312-S | UG/KG |
|                  | 0.000     | 40.000  | SC-06311-S | UG/KG |
|                  | 0.000     | 39.000  | SC-06310-S | UG/KG |
|                  | 0.000     | 39.000  | SC-06322-S | UG/KG |
|                  | 55.000    | 36.000  | SC-06309-S | UG/KG |
|                  | 97.000    | 36.000  | SC-06308-S | UG/KG |
|                  | 0.000     | 40.000  | SC-06305-S | UG/KG |
|                  | 0.000     | 36.000  | SC-06324-S | UG/KG |
|                  | 0.000     | 38.000  | SC-06306-S | UG/KG |
|                  | 0.000     | 40.000  | SC-06304-S | UG/KG |
|                  | 0.000     | 40.000  | SC-06304-C | UG/KG |
|                  | 0.000     | 39.000  | SC-06303-S | UG/KG |
|                  | 1,900.000 | 360.000 | SC-06302-S | UG/KG |
|                  | 0.000     | 41.000  | SC-06323-S | UG/KG |
|                  | 0.000     | 38.000  | SC-06101-S | UG/KG |

PCB AVERAGE = 105.00 UG/KG (0.105 MG/KG)

## CU063 DATA REPORT (CONTINUED)

| PARAMETER            | CONC   | DL    | LOCATION   | UNITS |
|----------------------|--------|-------|------------|-------|
| ARSENIC (29 SAMPLES) |        |       |            |       |
|                      | 6.500  | 0.470 | SC-06407-S | UG/G  |
|                      | 8.800  | 0.450 | SC-06419-S | UG/G  |
|                      | 7.300  | 0.450 | SC-06413-S | UG/G  |
|                      | 8.600  | 0.530 | SC-06401-S | UG/G  |
|                      | 11.300 | 0.460 | SC-06320-S | UG/G  |
|                      | 9.500  | 0.450 | SC-06321-S | UG/G  |
|                      | 5.700  | 0.460 | SC-06318-S | UG/G  |
|                      | 24.600 | 0.470 | SC-06322-S | UG/G  |
|                      | 7.000  | 0.480 | SC-07323-S | UG/G  |
|                      | 6.600  | 0.470 | SC-06318-C | UG/G  |
|                      | 7.100  | 0.490 | SC-06317-S | UG/G  |
|                      | 8.600  | 0.480 | SC-06315-S | UG/G  |
|                      | 6.700  | 0.490 | SC-06316-S | UG/G  |
|                      | 8.700  | 0.430 | SC-06314-S | UG/G  |
|                      | 7.900  | 0.480 | SC-06312-S | UG/G  |
|                      | 12.500 | 0.480 | SC-06311-S | UG/G  |
|                      | 8.800  | 0.470 | SC-06310-S | UG/G  |
|                      | 9.300  | 0.440 | SC-07322-S | UG/G  |
|                      | 6.700  | 0.440 | SC-06309-S | UG/G  |
|                      | 9.000  | 0.430 | SC-06308-S | UG/G  |
|                      | 6.500  | 0.500 | SC-06323-S | UG/G  |
|                      | 6.800  | 0.460 | SC-06306-S | UG/G  |
|                      | 8.300  | 0.480 | SC-06304-S | UG/G  |
|                      | 9.400  | 0.490 | SC-06305-S | UG/G  |
|                      | 6.800  | 0.480 | SC-06304-C | UG/G  |
|                      | 8.700  | 0.440 | SC-06302-S | UG/G  |
|                      | 8.400  | 0.470 | SC-06303-S | UG/G  |
|                      | 16.000 | 0.460 | SC-06101-S | UG/G  |
|                      | 4.500  | 0.440 | SC-06324-S | UG/G  |

ARSENIC AVERAGE = 8.848 UG/G

## CU063 DATA REPORT (CONTINUED)

| PARAMETER                      | CONC   | DL    | LOCATION   | UNITS |
|--------------------------------|--------|-------|------------|-------|
| CHROMIUM (29 SAMPLES)          |        |       |            |       |
|                                | 13.400 | 0.520 | SC-06413-S | UG/G  |
|                                | 15.000 | 0.520 | SC-06419-S | UG/G  |
|                                | 14.200 | 0.540 | SC-06407-S | UG/G  |
|                                | 15.800 | 0.610 | SC-06401-S | UG/G  |
|                                | 14.400 | 0.520 | SC-06101-S | UG/G  |
|                                | 13.000 | 0.500 | SC-06324-S | UG/G  |
|                                | 14.800 | 0.540 | SC-06303-S | UG/G  |
|                                | 13.800 | 0.510 | SC-06302-S | UG/G  |
|                                | 16.600 | 0.550 | SC-06304-C | UG/G  |
|                                | 16.800 | 0.570 | SC-06323-S | UG/G  |
|                                | 25.000 | 0.560 | SC-06305-S | UG/G  |
|                                | 18.000 | 0.550 | SC-06304-S | UG/G  |
|                                | 12.900 | 0.530 | SC-06306-S | UG/G  |
|                                | 14.800 | 0.500 | SC-06308-S | UG/G  |
|                                | 18.800 | 0.500 | SC-06309-S | UG/G  |
|                                | 17.100 | 0.500 | SC-07322-S | UG/G  |
|                                | 19.100 | 0.550 | SC-06310-S | UG/G  |
|                                | 17.600 | 0.550 | SC-06311-S | UG/G  |
|                                | 18.600 | 0.550 | SC-06312-S | UG/G  |
|                                | 16.800 | 0.500 | SC-06314-S | UG/G  |
|                                | 16.200 | 0.560 | SC-06315-S | UG/G  |
|                                | 14.100 | 0.560 | SC-06316-S | UG/G  |
|                                | 17.100 | 0.540 | SC-06322-S | UG/G  |
|                                | 17.400 | 0.570 | SC-06317-S | UG/G  |
|                                | 14.300 | 0.540 | SC-06318-C | UG/G  |
|                                | 16.800 | 0.550 | SC-07323-S | UG/G  |
|                                | 18.100 | 0.530 | SC-06318-S | UG/G  |
|                                | 19.500 | 0.510 | SC-06321-S | UG/G  |
|                                | 14.800 | 0.520 | SC-06320-S | UG/G  |
| CHROMIUM AVERAGE = 16.372 UG/G |        |       |            |       |

## CU063 DATA REPORT (CONTINUED)

| PARAMETER         | CONC   | DL    | LOCATION   | UNITS |
|-------------------|--------|-------|------------|-------|
| LEAD (29 SAMPLES) |        |       |            |       |
|                   | 8.400  | 0.330 | SC-06407-S | UG/G  |
|                   | 18.400 | 0.310 | SC-06419-S | UG/G  |
|                   | 11.000 | 0.320 | SC-06413-S | UG/G  |
|                   | 12.200 | 0.340 | SC-07323-S | UG/G  |
|                   | 27.300 | 0.320 | SC-06320-S | UG/G  |
|                   | 11.000 | 0.310 | SC-06321-S | UG/G  |
|                   | 8.500  | 0.320 | SC-06318-S | UG/G  |
|                   | 14.100 | 0.330 | SC-06318-C | UG/G  |
|                   | 11.000 | 0.340 | SC-06317-S | UG/G  |
|                   | 12.600 | 0.370 | SC-06401-S | UG/G  |
|                   | 16.200 | 0.330 | SC-06322-S | UG/G  |
|                   | 11.200 | 0.340 | SC-06316-S | UG/G  |
|                   | 20.900 | 0.340 | SC-06315-S | UG/G  |
|                   | 8.000  | 0.340 | SC-06312-S | UG/G  |
|                   | 15.500 | 0.300 | SC-06314-S | UG/G  |
|                   | 16.400 | 0.310 | SC-07322-S | UG/G  |
|                   | 21.200 | 0.340 | SC-06311-S | UG/G  |
|                   | 14.200 | 0.330 | SC-06310-S | UG/G  |
|                   | 10.500 | 0.310 | SC-06309-S | UG/G  |
|                   | 16.900 | 0.300 | SC-06308-S | UG/G  |
|                   | 9.700  | 0.320 | SC-06306-S | UG/G  |
|                   | 13.800 | 0.350 | SC-06323-S | UG/G  |
|                   | 15.400 | 0.340 | SC-06304-S | UG/G  |
|                   | 22.900 | 0.340 | SC-06305-S | UG/G  |
|                   | 11.600 | 0.330 | SC-06304-C | UG/G  |
|                   | 8.600  | 0.310 | SC-06324-S | UG/G  |
|                   | 15.900 | 0.310 | SC-06302-S | UG/G  |
|                   | 18.100 | 0.330 | SC-06303-S | UG/G  |
|                   | 21.800 | 0.320 | SC-06101-S | UG/G  |
| LEAD AVERAGE =    | 14.597 |       |            | UG/G  |

## CU063 DATA REPORT (CONTINUED)

| PARAMETER               | CONC  | DL    | LOCATION   | UNITS |
|-------------------------|-------|-------|------------|-------|
| RADIUM-226 (29 SAMPLES) |       |       |            |       |
|                         | 1.952 | 0.360 | SC-06401-S | PCI/G |
|                         | 2.520 | 0.360 | SC-07323-S | PCI/G |
|                         | 2.452 | 0.330 | SC-07322-S | PCI/G |
|                         | 2.179 | 0.330 | SC-06324-S | PCI/G |
|                         | 1.861 | 0.230 | SC-06323-S | PCI/G |
|                         | 2.679 | 0.320 | SC-06322-S | PCI/G |
|                         | 2.384 | 0.260 | SC-06321-S | PCI/G |
|                         | 2.406 | 0.270 | SC-06320-S | PCI/G |
|                         | 2.179 | 0.250 | SC-06318-S | PCI/G |
|                         | 2.384 | 0.220 | SC-06318-C | PCI/G |
|                         | 2.225 | 0.350 | SC-06317-S | PCI/G |
|                         | 2.134 | 0.400 | SC-06316-S | PCI/G |
|                         | 2.247 | 0.280 | SC-06315-S | PCI/G |
|                         | 2.043 | 0.470 | SC-06314-S | PCI/G |
|                         | 2.134 | 0.370 | SC-06312-S | PCI/G |
|                         | 2.542 | 0.350 | SC-06311-S | PCI/G |
|                         | 3.087 | 0.300 | SC-06310-S | PCI/G |
|                         | 2.701 | 0.420 | SC-06309-S | PCI/G |
|                         | 2.406 | 0.330 | SC-06308-S | PCI/G |
|                         | 2.315 | 0.420 | SC-06306-S | PCI/G |
|                         | 2.588 | 0.300 | SC-06305-S | PCI/G |
|                         | 1.998 | 0.380 | SC-06304-S | PCI/G |
|                         | 2.406 | 0.220 | SC-06304-C | PCI/G |
|                         | 2.315 | 0.340 | SC-06303-S | PCI/G |
|                         | 1.975 | 0.290 | SC-06302-S | PCI/G |
|                         | 2.066 | 0.230 | SC-06101-S | PCI/G |
|                         | 2.680 | 0.300 | SC-06407-S | PCI/G |
|                         | 2.630 | 0.370 | SC-06413-S | PCI/G |
|                         | 2.720 | 0.270 | SC-06419-S | PCI/G |

RADIUM-226 AVERAGE = 2.352 PCI/G

## CU063 DATA REPORT (CONTINUED)

| PARAMETER               | CONC  | DL    | LOCATION   | UNITS |
|-------------------------|-------|-------|------------|-------|
| RADIUM-228 (29 SAMPLES) |       |       |            |       |
|                         | 0.605 | 1.210 | SC-06401-S | PCI/G |
|                         | 1.330 | 0.590 | SC-06101-S | PCI/G |
|                         | 1.000 | 0.490 | SC-06302-S | PCI/G |
|                         | 0.605 | 1.210 | SC-06303-S | PCI/G |
|                         | 1.270 | 0.430 | SC-06304-C | PCI/G |
|                         | 1.230 | 0.150 | SC-06304-S | PCI/G |
|                         | 0.635 | 1.270 | SC-06306-S | PCI/G |
|                         | 1.210 | 0.520 | SC-06305-S | PCI/G |
|                         | 1.300 | 0.540 | SC-06308-S | PCI/G |
|                         | 1.390 | 0.700 | SC-06309-S | PCI/G |
|                         | 1.470 | 0.580 | SC-06311-S | PCI/G |
|                         | 1.000 | 0.520 | SC-06310-S | PCI/G |
|                         | 1.260 | 0.560 | SC-06312-S | PCI/G |
|                         | 1.150 | 0.540 | SC-06314-S | PCI/G |
|                         | 0.555 | 1.110 | SC-06316-S | PCI/G |
|                         | 1.110 | 0.450 | SC-06315-S | PCI/G |
|                         | 1.110 | 0.460 | SC-06317-S | PCI/G |
|                         | 1.120 | 0.360 | SC-06318-S | PCI/G |
|                         | 1.410 | 0.150 | SC-06318-C | PCI/G |
|                         | 1.970 | 0.470 | SC-06320-S | PCI/G |
|                         | 1.430 | 0.460 | SC-06321-S | PCI/G |
|                         | 1.230 | 0.360 | SC-06323-S | PCI/G |
|                         | 1.530 | 0.560 | SC-06322-S | PCI/G |
|                         | 1.400 | 0.560 | SC-06324-S | PCI/G |
|                         | 1.250 | 0.420 | SC-07322-S | PCI/G |
|                         | 0.960 | 0.430 | SC-07323-S | PCI/G |
|                         | 1.130 | 0.470 | SC-06407-S | PCI/G |
|                         | 1.630 | 0.150 | SC-06413-S | PCI/G |
|                         | 1.480 | 0.600 | SC-06419-S | PCI/G |

RADIUM-228 AVERAGE = 1.199 PCI/G

## CU063 DATA REPORT (CONTINUED)

| PARAMETER                | CONC  | DL    | LOCATION   | UNITS |
|--------------------------|-------|-------|------------|-------|
| THORIUM-230 (30 SAMPLES) |       |       |            |       |
|                          | 0.940 | 0.720 | SC-06401-S | PCI/G |
|                          | 1.030 | 0.720 | SC-07323-S | PCI/G |
|                          | 1.320 | 0.720 | SC-07322-S | PCI/G |
|                          | 0.950 | 0.720 | SC-06324-S | PCI/G |
|                          | 0.950 | 0.720 | SC-06323-S | PCI/G |
|                          | 1.130 | 0.720 | SC-06322-S | PCI/G |
|                          | 1.090 | 0.720 | SC-06321-S | PCI/G |
|                          | 1.020 | 0.720 | SC-06320-S | PCI/G |
|                          | 0.910 | 0.720 | SC-06318-S | PCI/G |
|                          | 1.040 | 0.720 | SC-06318-C | PCI/G |
|                          | 1.030 | 0.720 | SC-06317-S | PCI/G |
|                          | 1.330 | 0.720 | SC-06316-S | PCI/G |
|                          | 1.160 | 0.720 | SC-06315-S | PCI/G |
|                          | 1.260 | 0.720 | SC-06314-S | PCI/G |
|                          | 0.740 | 0.720 | SC-06312-S | PCI/G |
|                          | 1.030 | 0.720 | SC-06311-S | PCI/G |
|                          | 1.140 | 0.720 | SC-06310-S | PCI/G |
|                          | 1.170 | 0.720 | SC-06309-S | PCI/G |
|                          | 1.100 | 0.720 | SC-06308-S | PCI/G |
|                          | 0.910 | 0.720 | SC-06306-S | PCI/G |
|                          | 0.910 | 0.720 | SC-06305-S | PCI/G |
|                          | 1.100 | 0.720 | SC-06304-S | PCI/G |
|                          | 1.100 | 0.720 | SC-06304-S | PCI/G |
|                          | 1.060 | 0.720 | SC-06304-C | PCI/G |
|                          | 1.290 | 0.720 | SC-06303-S | PCI/G |
|                          | 1.540 | 0.720 | SC-06302-S | PCI/G |
|                          | 0.850 | 0.720 | SC-06101-S | PCI/G |
|                          | 0.870 | 0.720 | SC-06407-S | PCI/G |
|                          | 1.010 | 0.720 | SC-06413-S | PCI/G |
|                          | 1.240 | 0.720 | SC-06419-S | PCI/G |

THORIUM-230 AVERAGE = 1.074 PCI/G

## CU063 DATA REPORT (CONTINUED)

| PARAMETER                | CONC   | DL    | LOCATION   | UNITS |
|--------------------------|--------|-------|------------|-------|
| URANIUM-238 (31 SAMPLES) |        |       |            |       |
|                          | 3.270  | 2.660 | SC-07521-S | PCI/G |
|                          | 11.810 | 3.260 | SC-06401-S | PCI/G |
|                          | 7.510  | 4.030 | SC-06101-S | PCI/G |
|                          | 11.040 | 2.460 | SC-06302-S | PCI/G |
|                          | 2.110  | 4.220 | SC-06303-S | PCI/G |
|                          | 1.525  | 3.050 | SC-06304-C | PCI/G |
|                          | 2.025  | 4.050 | SC-06304-S | PCI/G |
|                          | 8.890  | 3.330 | SC-06305-S | PCI/G |
|                          | 51.010 | 6.810 | SC-06306-S | PCI/G |
|                          | 12.830 | 3.310 | SC-06308-S | PCI/G |
|                          | 4.450  | 3.890 | SC-06309-S | PCI/G |
|                          | 1.620  | 3.240 | SC-06310-S | PCI/G |
|                          | 2.145  | 4.290 | SC-06311-S | PCI/G |
|                          | 1.750  | 3.500 | SC-06312-S | PCI/G |
|                          | 5.000  | 4.460 | SC-06314-S | PCI/G |
|                          | 4.930  | 3.050 | SC-06315-S | PCI/G |
|                          | 7.280  | 4.620 | SC-06316-S | PCI/G |
|                          | 4.420  | 2.650 | SC-06317-S | PCI/G |
|                          | 1.610  | 3.220 | SC-06318-S | PCI/G |
|                          | 2.740  | 5.480 | SC-06320-S | PCI/G |
|                          | 5.590  | 3.000 | SC-06321-S | PCI/G |
|                          | 2.090  | 4.180 | SC-06322-S | PCI/G |
|                          | 4.810  | 2.300 | SC-06323-S | PCI/G |
|                          | 2.165  | 4.330 | SC-06324-S | PCI/G |
|                          | 14.760 | 3.120 | SC-07322-S | PCI/G |
|                          | 1.700  | 3.400 | SC-07323-S | PCI/G |
|                          | 1.515  | 3.030 | SC-07324-S | PCI/G |
|                          | 2.085  | 4.170 | SC-07325-S | PCI/G |
|                          | 1.590  | 3.180 | SC-06407-S | PCI/G |
|                          | 2.395  | 4.790 | SC-06413-S | PCI/G |
|                          | 9.820  | 4.790 | SC-06419-S | PCI/G |

URANIUM-238 AVERAGE = 6.338 PCI/G

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 09.27.96 3. Review Form #: 96-068  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU064 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☒ Th-232 ☒ Ra-226 ☒ Ra-228  
☐ TNT ☒ PCB ☒ PAH ☒ As ☒ Cr ☒ Pb ☒ Ti

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter  | Size | Concentration | Complies with Plan?                                      |
|------------|------|---------------|--|
| <u>N/A</u> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: M. L. L. L. Date: 09/27/96

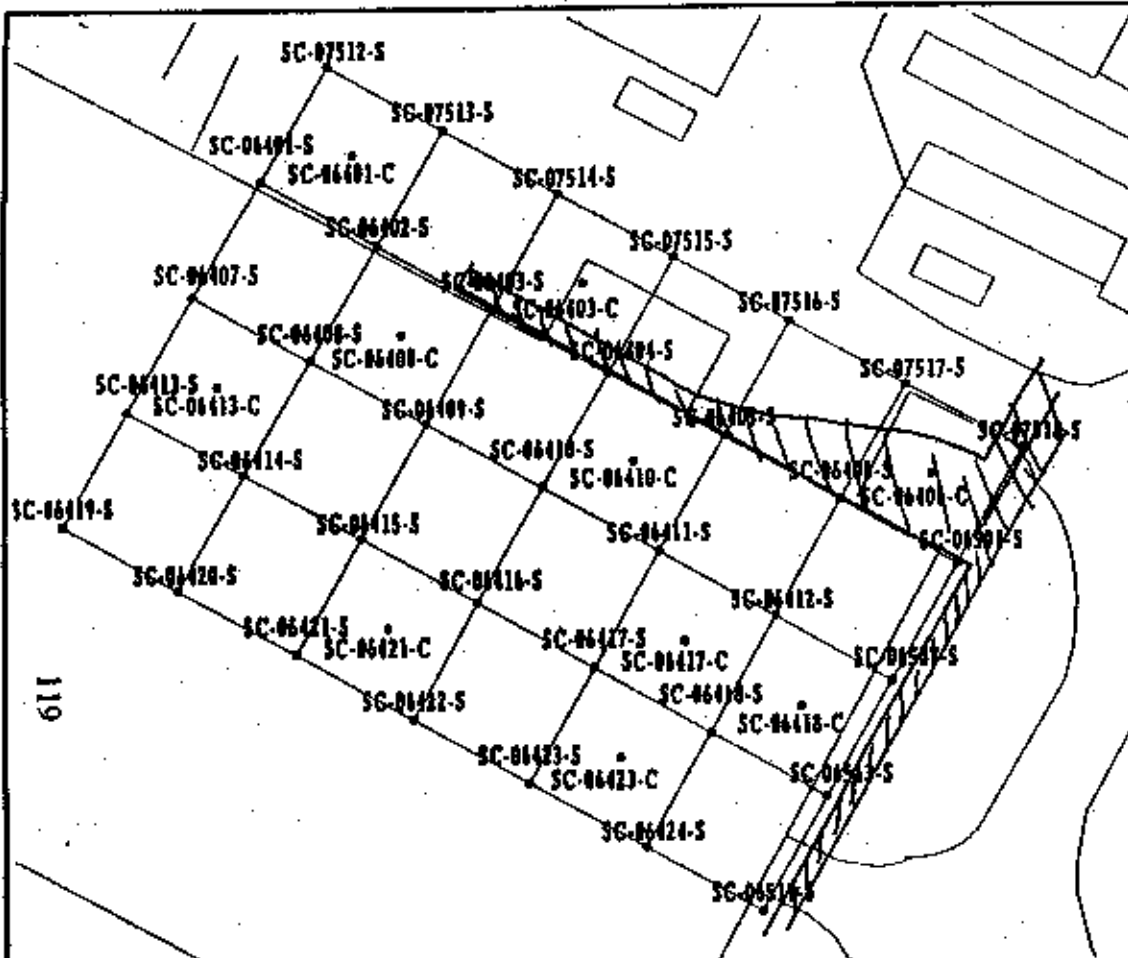
12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: Dr. H. J. L. L. Date: 9/27/96  
15. DOE Project Manager/Engineer: Thomas C. J. J. Date: 9/27/96  
16. Project Manager: [Signature] Date: 9/27/96  
17. Construction Engineer: David L. C. C. Date: 9/27/96

SEE ATTACHED RESULTS AND MAP



utility  
trenches

Revision # 96-068

Sample Locations in Remedial Unit RU007  
Confirmation Unit CU064

Figure B-45

|                            |                                |
|----------------------------|--------------------------------|
| EXHIBIT NO.: AICP/127/1295 | REPORT NO.: DOE/OR/21548-590   |
| ORIGINATOR: MGL            | DRAWN BY: WSRAP GIS DATE: 3/96 |

## CU064 DATA REPORT

| PARAMETER                               | CONC   | DL     | LOCATION   | UNITS |
|---|--------|--------|------------|-------|
| PCB (41 SAMPLES)                        |        |        |            |       |
|   | 0.000  | 42.000 | SC-06301-S | UG/KG |
|   | 0.000  | 42.000 | SC-06307-S | UG/KG |
|   | 0.000  | 39.000 | SC-06513-S | UG/KG |
|   | 0.000  | 38.000 | SC-06519-S | UG/KG |
|   | 0.000  | 38.000 | SC-06418-C | UG/KG |
|   | 0.000  | 39.000 | SC-06401-C | UG/KG |
|   | 0.000  | 38.000 | SC-06402-S | UG/KG |
|   | 39.000 | 37.000 | SC-06403-C | UG/KG |
|   | 0.000  | 40.000 | SC-06424-S | UG/KG |
|   | 0.000  | 38.000 | SC-06403-S | UG/KG |
|   | 0.000  | 37.000 | SC-06421-S | UG/KG |
|   | 0.000  | 37.000 | SC-06405-S | UG/KG |
|   | 0.000  | 40.000 | SC-06422-S | UG/KG |
|   | 0.000  | 39.000 | SC-06404-S | UG/KG |
|   | 0.000  | 38.000 | SC-06406-C | UG/KG |
|   | 0.000  | 40.000 | SC-06406-S | UG/KG |
|   | 0.000  | 39.000 | SC-06418-S | UG/KG |
|   | 0.000  | 39.000 | SC-06407-S | UG/KG |
|   | 0.000  | 37.000 | SC-06408-C | UG/KG |
|   | 0.000  | 38.000 | SC-06423-S | UG/KG |
|   | 45.000 | 42.000 | SC-06417-S | UG/KG |
|   | 0.000  | 38.000 | SC-06408-S | UG/KG |
|   | 0.000  | 38.000 | SC-06421-C | UG/KG |
|   | 0.000  | 39.000 | SC-06409-S | UG/KG |
|   | 0.000  | 39.000 | SC-06410-C | UG/KG |
|   | 0.000  | 38.000 | SC-06410-S | UG/KG |
|   | 84.000 | 37.000 | SC-06419-S | UG/KG |
|   | 0.000  | 38.000 | SC-06411-S | UG/KG |
|   | 0.000  | 38.000 | SC-06413-C | UG/KG |
|   | 0.000  | 39.000 | SC-06423-C | UG/KG |
|   | 0.000  | 40.000 | SC-06412-S | UG/KG |
|   | 0.000  | 39.000 | SC-06417-C | UG/KG |
|   | 0.000  | 38.000 | SC-06413-S | UG/KG |
|   | 0.000  | 38.000 | SC-06414-S | UG/KG |
|   | 0.000  | 40.000 | SC-06420-S | UG/KG |
|   | 0.000  | 39.000 | SC-06415-S | UG/KG |
|   | 0.000  | 40.000 | SC-06416-S | UG/KG |
|   | 0.000  | 43.000 | SC-06401-S | UG/KG |
|   | 0.000  | 41.000 | SC-07518-S | UG/KG |
|   | 0.000  | 40.000 | SC-07512-S | UG/KG |
|   | 0.000  | 38.000 | SC-07513-S | UG/KG |
| PCB AVERAGE = 4.89% UG/KG (8.804 MG/KG) |        |        |            |       |

## CU064 DATA REPORT (CONTINUED)

| PARAMETER                               | CONC   | DL    | LOCATION   | UNITS |
|---|--------|-------|------------|-------|
| ARSENIC (39 SAMPLES)                    |        |       |            |       |
|   | 7.100  | 0.470 | SC-06513-S | UG/G  |
|   | 10.700 | 0.460 | SC-06519-S | UG/G  |
|   | 8.600  | 0.530 | SC-06401-S | UG/G  |
|   | 6.200  | 0.490 | SC-07518-S | UG/G  |
|   | 6.400  | 0.520 | SC-06501-S | UG/G  |
|   | 5.400  | 0.510 | SC-06507-S | UG/G  |
|   | 11.500 | 0.490 | SC-06416-S | UG/G  |
|   | 10.000 | 0.480 | SC-06417-C | UG/G  |
|   | 13.800 | 0.470 | SC-06423-C | UG/G  |
|   | 5.100  | 0.480 | SC-06420-S | UG/G  |
|   | 7.200  | 0.470 | SC-06415-S | UG/G  |
|   | 7.300  | 0.450 | SC-06413-S | UG/G  |
|   | 8.800  | 0.450 | SC-06414-S | UG/G  |
|   | 7.700  | 0.460 | SC-06413-C | UG/G  |
|   | 10.900 | 0.500 | SC-06417-S | UG/G  |
|   | 8.100  | 0.470 | SC-06421-C | UG/G  |
|   | 17.500 | 0.460 | SC-06423-S | UG/G  |
|   | 9.600  | 0.480 | SC-06412-S | UG/G  |
|   | 11.100 | 0.460 | SC-06411-S | UG/G  |
|   | 5.900  | 0.460 | SC-06410-S | UG/G  |
|   | 8.100  | 0.470 | SC-06410-C | UG/G  |
|   | 8.800  | 0.450 | SC-06419-S | UG/G  |
|   | 5.100  | 0.470 | SC-06408-S | UG/G  |
|   | 7.300  | 0.470 | SC-06409-S | UG/G  |
|   | 6.900  | 0.450 | SC-06408-C | UG/G  |
|   | 6.500  | 0.470 | SC-06407-S | UG/G  |
|   | 10.000 | 0.440 | SC-06421-S | UG/G  |
|   | 9.000  | 0.460 | SC-06418-C | UG/G  |
|   | 10.900 | 0.490 | SC-06424-S | UG/G  |
|   | 5.800  | 0.480 | SC-06406-S | UG/G  |
|   | 6.800  | 0.470 | SC-06406-C | UG/G  |
|   | 4.600  | 0.450 | SC-06405-S | UG/G  |
|   | 6.600  | 0.460 | SC-06403-S | UG/G  |
|   | 7.300  | 0.470 | SC-06404-S | UG/G  |
|   | 16.500 | 0.460 | SC-06418-S | UG/G  |
|   | 7.600  | 0.450 | SC-06403-C | UG/G  |
|   | 5.200  | 0.470 | SC-06401-C | UG/G  |
|   | 11.900 | 0.490 | SC-06422-S | UG/G  |
|   | 12.400 | 0.470 | SC-06402-S | UG/G  |
| ARSENIC AVERAGE = 8.487 UG/G            |        |       |            |       |
| PAH (4 SAMPLES)                         |        |       |            |       |
|   | 0.000  | NA    | SC-06501-S | UG/KG |
|   | 20.000 | NA    | SC-06507-S | UG/KG |
|   | 67.000 | NA    | SC-06519-S | UG/KG |
|   | 16.000 | NA    | SC-06513-S | UG/KG |
| PAH AVERAGE = 25.75 UG/KG (0.026 MG/KG) |        |       |            |       |

## CU064 DATA REPORT (CONTINUED)

| PARAMETER             | CONC   | DL    | LOCATION   | UNITS |
|-----------------------|--------|-------|------------|-------|
| CHROMIUM (39 SAMPLES) |        |       |            |       |
|                       | 15.700 | 0.560 | SC-07518-S | UG/G  |
|                       | 15.800 | 0.610 | SC-06401-S | UG/G  |
|                       | 20.800 | 0.550 | SC-06412-S | UG/G  |
|                       | 21.100 | 0.530 | SC-06411-S | UG/G  |
|                       | 14.200 | 0.530 | SC-06413-C | UG/G  |
|                       | 16.500 | 0.520 | SC-06414-S | UG/G  |
|                       | 13.400 | 0.520 | SC-06413-S | UG/G  |
|                       | 15.000 | 0.540 | SC-06415-S | UG/G  |
|                       | 16.300 | 0.540 | SC-06423-C | UG/G  |
|                       | 18.500 | 0.550 | SC-06417-C | UG/G  |
|                       | 12.300 | 0.560 | SC-06420-S | UG/G  |
|                       | 18.900 | 0.560 | SC-06416-S | UG/G  |
|                       | 17.300 | 0.540 | SC-06421-C | UG/G  |
|                       | 16.800 | 0.530 | SC-06423-S | UG/G  |
|                       | 23.800 | 0.540 | SC-06402-S | UG/G  |
|                       | 18.200 | 0.540 | SC-06401-C | UG/G  |
|                       | 19.600 | 0.560 | SC-06422-S | UG/G  |
|                       | 11.700 | 0.520 | SC-06403-C | UG/G  |
|                       | 16.100 | 0.540 | SC-06404-S | UG/G  |
|                       | 22.300 | 0.530 | SC-06418-S | UG/G  |
|                       | 17.800 | 0.530 | SC-06403-S | UG/G  |
|                       | 13.100 | 0.520 | SC-06405-S | UG/G  |
|                       | 16.000 | 0.530 | SC-06418-C | UG/G  |
|                       | 19.700 | 0.510 | SC-06421-S | UG/G  |
|                       | 17.500 | 0.540 | SC-06406-C | UG/G  |
|                       | 23.200 | 0.550 | SC-06406-S | UG/G  |
|                       | 19.100 | 0.570 | SC-06424-S | UG/G  |
|                       | 14.200 | 0.540 | SC-06407-S | UG/G  |
|                       | 19.700 | 0.510 | SC-06408-C | UG/G  |
|                       | 18.700 | 0.540 | SC-06409-S | UG/G  |
|                       | 11.400 | 0.540 | SC-06408-S | UG/G  |
|                       | 15.000 | 0.520 | SC-06419-S | UG/G  |
|                       | 18.600 | 0.540 | SC-06410-C | UG/G  |
|                       | 17.000 | 0.580 | SC-06417-S | UG/G  |
|                       | 14.300 | 0.530 | SC-06410-S | UG/G  |
|                       | 17.700 | 0.550 | SC-06513-S | UG/G  |
|                       | 16.600 | 0.530 | SC-06519-S | UG/G  |
|                       | 16.500 | 0.590 | SC-06507-S | UG/G  |
|                       | 12.400 | 0.600 | SC-06501-S | UG/G  |

CHROMIUM AVERAGE = 16.995 UG/G

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## CU064 DATA REPORT (CONTINUED)

| PARAMETER         | CONC   | DL    | LOCATION   | UNITS |
|-------------------|--------|-------|------------|-------|
| LEAD (39 SAMPLES) |        |       |            |       |
|                   | 12.600 | 0.370 | SC-06401-S | UG/G  |
|                   | 11.900 | 0.340 | SC-07518-S | UG/G  |
|                   | 19.800 | 0.320 | SC-06519-S | UG/G  |
|                   | 10.600 | 0.330 | SC-06513-S | UG/G  |
|                   | 12.000 | 0.360 | SC-06507-S | UG/G  |
|                   | 18.100 | 0.360 | SC-06501-S | UG/G  |
|                   | 14.900 | 0.340 | SC-06416-S | UG/G  |
|                   | 25.000 | 0.330 | SC-06417-C | UG/G  |
|                   | 9.900  | 0.340 | SC-06420-S | UG/G  |
|                   | 10.400 | 0.330 | SC-06415-S | UG/G  |
|                   | 29.600 | 0.330 | SC-06423-C | UG/G  |
|                   | 11.000 | 0.320 | SC-06413-S | UG/G  |
|                   | 25.600 | 0.320 | SC-06414-S | UG/G  |
|                   | 14.100 | 0.320 | SC-06413-C | UG/G  |
|                   | 12.900 | 0.320 | SC-06411-S | UG/G  |
|                   | 12.300 | 0.330 | SC-06412-S | UG/G  |
|                   | 16.600 | 0.330 | SC-06421-C | UG/G  |
|                   | 24.300 | 0.320 | SC-06423-S | UG/G  |
|                   | 8.400  | 0.320 | SC-06410-S | UG/G  |
|                   | 19.800 | 0.330 | SC-06417-S | UG/G  |
|                   | 9.900  | 0.330 | SC-06410-C | UG/G  |
|                   | 18.400 | 0.310 | SC-06419-S | UG/G  |
|                   | 9.300  | 0.330 | SC-06409-S | UG/G  |
|                   | 7.400  | 0.330 | SC-06408-S | UG/G  |
|                   | 12.800 | 0.310 | SC-06408-C | UG/G  |
|                   | 8.400  | 0.330 | SC-06407-S | UG/G  |
|                   | 18.600 | 0.350 | SC-06424-S | UG/G  |
|                   | 11.800 | 0.330 | SC-06406-S | UG/G  |
|                   | 10.700 | 0.330 | SC-06406-C | UG/G  |
|                   | 16.400 | 0.310 | SC-06421-S | UG/G  |
|                   | 12.700 | 0.330 | SC-06418-C | UG/G  |
|                   | 9.700  | 0.310 | SC-06405-S | UG/G  |
|                   | 11.600 | 0.320 | SC-06403-S | UG/G  |
|                   | 11.500 | 0.330 | SC-06404-S | UG/G  |
|                   | 21.900 | 0.320 | SC-06418-S | UG/G  |
|                   | 20.100 | 0.320 | SC-06403-C | UG/G  |
|                   | 10.600 | 0.340 | SC-06422-S | UG/G  |
|                   | 10.700 | 0.330 | SC-06401-C | UG/G  |
|                   | 20.900 | 0.330 | SC-06402-S | UG/G  |

LEAD AVERAGE = 14.697 UG/G

## CUD64 DATA REPORT (CONTINUED)

| PARAMETER                        | CONC  | DL    | LOCATION   | UNITS |
|----------------------------------|-------|-------|------------|-------|
| RADIUM-226 (39 SAMPLES)          |       |       |            |       |
|                                  | 2.565 | 0.390 | SC-06519-S | PCI/G |
|                                  | 2.225 | 0.330 | SC-06513-S | PCI/G |
|                                  | 2.338 | 0.220 | SC-06507-S | PCI/G |
|                                  | 2.338 | 0.290 | SC-06501-S | PCI/G |
|                                  | 2.883 | 0.250 | SC-06417-S | PCI/G |
|                                  | 2.769 | 0.380 | SC-06424-S | PCI/G |
|                                  | 2.157 | 0.300 | SC-06423-S | PCI/G |
|                                  | 2.293 | 0.300 | SC-06423-C | PCI/G |
|                                  | 2.838 | 0.350 | SC-06422-S | PCI/G |
|                                  | 2.633 | 0.270 | SC-06421-S | PCI/G |
|                                  | 1.952 | 0.380 | SC-06421-C | PCI/G |
|                                  | 1.839 | 0.310 | SC-06420-S | PCI/G |
|                                  | 2.724 | 0.270 | SC-06419-S | PCI/G |
|                                  | 2.565 | 0.350 | SC-06418-S | PCI/G |
|                                  | 2.769 | 0.390 | SC-06418-C | PCI/G |
|                                  | 2.452 | 0.410 | SC-06417-C | PCI/G |
|                                  | 2.474 | 0.260 | SC-06416-S | PCI/G |
|                                  | 2.225 | 0.370 | SC-06415-S | PCI/G |
|                                  | 2.588 | 0.290 | SC-06414-S | PCI/G |
|                                  | 2.633 | 0.370 | SC-06413-S | PCI/G |
|                                  | 2.429 | 0.320 | SC-06413-C | PCI/G |
|                                  | 2.701 | 0.370 | SC-06412-S | PCI/G |
|                                  | 2.406 | 0.280 | SC-06411-S | PCI/G |
|                                  | 2.565 | 0.330 | SC-06410-S | PCI/G |
|                                  | 2.474 | 0.310 | SC-06410-C | PCI/G |
|                                  | 2.565 | 0.330 | SC-06409-S | PCI/G |
|                                  | 2.384 | 0.220 | SC-06408-S | PCI/G |
|                                  | 0.953 | 0.840 | SC-06408-C | PCI/G |
|                                  | 2.679 | 0.300 | SC-06407-S | PCI/G |
|                                  | 2.202 | 0.410 | SC-06406-S | PCI/G |
|                                  | 2.293 | 0.290 | SC-06406-C | PCI/G |
|                                  | 2.157 | 0.360 | SC-06405-S | PCI/G |
|                                  | 2.247 | 0.280 | SC-06404-S | PCI/G |
|                                  | 2.656 | 0.360 | SC-06403-S | PCI/G |
|                                  | 2.247 | 0.290 | SC-06403-C | PCI/G |
|                                  | 2.429 | 0.410 | SC-06402-S | PCI/G |
|                                  | 2.247 | 0.280 | SC-06401-C | PCI/G |
|                                  | 1.249 | 0.370 | SC-07518-S | PCI/G |
|                                  | 1.952 | 0.360 | SC-06401-S | PCI/G |
| RADIUM-226 AVERAGE = 2.361 PCI/G |       |       |            |       |

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## CU064 DATA REPORT (CONTINUED)

| PARAMETER               | CONC  | DL    | LOCATION   | UNITS |
|-------------------------|-------|-------|------------|-------|
| RADIUM-228 (39 SAMPLES) |       |       |            |       |
|                         | 1.220 | 0.400 | SC-06307-S | PCI/G |
|                         | 1.310 | 0.400 | SC-06301-S | PCI/G |
|                         | 1.370 | 0.520 | SC-06313-S | PCI/G |
|                         | 1.360 | 0.670 | SC-06319-S | PCI/G |
|                         | 1.550 | 0.080 | SC-06401-C | PCI/G |
|                         | 1.000 | 0.520 | SC-06403-C | PCI/G |
|                         | 1.440 | 0.450 | SC-06402-S | PCI/G |
|                         | 1.100 | 0.590 | SC-06403-S | PCI/G |
|                         | 1.560 | 0.370 | SC-06404-S | PCI/G |
|                         | 1.440 | 0.470 | SC-06406-C | PCI/G |
|                         | 1.350 | 0.470 | SC-06405-S | PCI/G |
|                         | 1.120 | 0.420 | SC-06406-S | PCI/G |
|                         | 1.130 | 0.470 | SC-06407-S | PCI/G |
|                         | 1.270 | 0.480 | SC-06408-C | PCI/G |
|                         | 1.340 | 0.410 | SC-06408-S | PCI/G |
|                         | 0.585 | 1.170 | SC-06409-S | PCI/G |
|                         | 0.970 | 0.730 | SC-06410-S | PCI/G |
|                         | 1.170 | 0.450 | SC-06410-C | PCI/G |
|                         | 1.260 | 0.470 | SC-06411-S | PCI/G |
|                         | 1.150 | 0.430 | SC-06412-S | PCI/G |
|                         | 1.630 | 0.150 | SC-06413-S | PCI/G |
|                         | 1.200 | 0.450 | SC-06413-C | PCI/G |
|                         | 0.960 | 0.390 | SC-06414-S | PCI/G |
|                         | 1.110 | 0.620 | SC-06415-S | PCI/G |
|                         | 1.180 | 0.600 | SC-06417-C | PCI/G |
|                         | 1.360 | 0.450 | SC-06416-S | PCI/G |
|                         | 1.190 | 0.420 | SC-06417-S | PCI/G |
|                         | 1.210 | 0.430 | SC-06418-S | PCI/G |
|                         | 1.760 | 0.570 | SC-06418-C | PCI/G |
|                         | 1.480 | 0.600 | SC-06419-S | PCI/G |
|                         | 1.600 | 0.360 | SC-06420-S | PCI/G |
|                         | 1.210 | 0.450 | SC-06421-S | PCI/G |
|                         | 1.530 | 0.730 | SC-06421-C | PCI/G |
|                         | 1.590 | 0.650 | SC-06422-S | PCI/G |
|                         | 1.250 | 0.630 | SC-06423-S | PCI/G |
|                         | 0.690 | 0.470 | SC-06423-C | PCI/G |
|                         | 1.270 | 0.430 | SC-06424-S | PCI/G |
|                         | 0.605 | 1.210 | SC-06401-S | PCI/G |
|                         | 1.200 | 0.510 | SC-07518-S | PCI/G |

RADIUM-228 AVERAGE = 1.248 PCI/G

## CU064 DATA REPORT (CONTINUED)

| PARAMETER                | CONC  | DL    | LOCATION   | UNITS |
|--------------------------|-------|-------|------------|-------|
| THORIUM-230 (39 SAMPLES) |       |       |            |       |
|                          | 0.730 | 0.720 | SC-06507-S | PCI/G |
|                          | 1.220 | 0.720 | SC-06501-S | PCI/G |
|                          | 0.960 | 0.720 | SC-06424-S | PCI/G |
|                          | 1.090 | 0.720 | SC-06423-S | PCI/G |
|                          | 1.380 | 0.720 | SC-06423-C | PCI/G |
|                          | 0.960 | 0.720 | SC-06422-S | PCI/G |
|                          | 1.050 | 0.720 | SC-06421-S | PCI/G |
|                          | 0.700 | 0.720 | SC-06421-C | PCI/G |
|                          | 0.700 | 0.720 | SC-06420-S | PCI/G |
|                          | 1.240 | 0.720 | SC-06419-S | PCI/G |
|                          | 1.260 | 0.720 | SC-06418-S | PCI/G |
|                          | 0.880 | 0.720 | SC-06418-C | PCI/G |
|                          | 1.280 | 0.720 | SC-06417-C | PCI/G |
|                          | 1.420 | 0.720 | SC-06417-S | PCI/G |
|                          | 0.790 | 0.720 | SC-06416-C | PCI/G |
|                          | 0.920 | 0.720 | SC-06415-S | PCI/G |
|                          | 0.870 | 0.720 | SC-06414-S | PCI/G |
|                          | 1.010 | 0.720 | SC-06413-S | PCI/G |
|                          | 0.900 | 0.720 | SC-06413-C | PCI/G |
|                          | 0.900 | 0.720 | SC-06412-S | PCI/G |
|                          | 1.260 | 0.720 | SC-06411-S | PCI/G |
|                          | 0.860 | 0.720 | SC-06410-S | PCI/G |
|                          | 0.890 | 0.720 | SC-06410-C | PCI/G |
|                          | 1.050 | 0.720 | SC-06409-S | PCI/G |
|                          | 0.860 | 0.720 | SC-06408-S | PCI/G |
|                          | 0.840 | 0.720 | SC-06408-C | PCI/G |
|                          | 0.870 | 0.720 | SC-06407-S | PCI/G |
|                          | 0.930 | 0.720 | SC-06406-S | PCI/G |
|                          | 0.830 | 0.720 | SC-06406-C | PCI/G |
|                          | 0.900 | 0.720 | SC-06405-S | PCI/G |
|                          | 1.030 | 0.720 | SC-06404-S | PCI/G |
|                          | 1.040 | 0.720 | SC-06403-S | PCI/G |
|                          | 0.810 | 0.720 | SC-06403-C | PCI/G |
|                          | 1.210 | 0.720 | SC-06402-S | PCI/G |
|                          | 0.900 | 0.720 | SC-06401-C | PCI/G |
|                          | 0.960 | 0.720 | SC-06519-S | PCI/G |
|                          | 0.740 | 0.720 | SC-06513-S | PCI/G |
|                          | 0.960 | 0.720 | SC-07518-S | PCI/G |
|                          | 0.940 | 0.720 | SC-06401-S | PCI/G |

THORIUM-230 AVERAGE = 0.976 PCI/G

## THALLIUM (5 SAMPLES)

|  |       |       |            |      |
|--|-------|-------|------------|------|
|  | 0.910 | 0.730 | SC-06519-S | UG/G |
|  | 0.830 | 0.760 | SC-06513-S | UG/G |
|  | 0.410 | 0.820 | SC-06507-S | UG/G |
|  | 0.870 | 0.830 | SC-06501-S | UG/G |
|  | 0.395 | 0.790 | SC-07518-S | UG/G |

THALLIUM AVERAGE = 0.683 UG/G

## CU064 DATA REPORT (CONTINUED)

| PARAMETER                | CONC   | DL    | LOCATION   | UNITS |
|--------------------------|--------|-------|------------|-------|
| URANIUM-238 (36 SAMPLES) |        |       |            |       |
|                          | 1.550  | 3.508 | SC-06587-S | PCI/G |
|                          | 2.430  | 2.600 | SC-06591-S | PCI/G |
|                          | 2.010  | 2.900 | SC-07518-S | PCI/G |
|                          | 2.190  | 4.380 | SC-07517-S | PCI/G |
|                          | 1.600  | 3.200 | SC-07516-S | PCI/G |
|                          | 1.625  | 3.250 | SC-07513-S | PCI/G |
|                          | 3.550  | 3.330 | SC-07514-S | PCI/G |
|                          | 1.885  | 3.770 | SC-07513-S | PCI/G |
|                          | 1.635  | 3.270 | SC-07512-S | PCI/G |
|                          | 11.810 | 3.260 | SC-06401-S | PCI/G |
|                          | 2.680  | 3.470 | SC-06402-S | PCI/G |
|                          | 3.120  | 2.740 | SC-06403-S | PCI/G |
|                          | 1.540  | 3.080 | SC-06404-S | PCI/G |
|                          | 2.810  | 3.270 | SC-06405-S | PCI/G |
|                          | 1.930  | 3.860 | SC-06406-S | PCI/G |
|                          | 1.590  | 3.180 | SC-06407-S | PCI/G |
|                          | 2.040  | 4.080 | SC-06408-C | PCI/G |
|                          | 2.180  | 2.190 | SC-06408-S | PCI/G |
|                          | 8.480  | 4.520 | SC-06409-S | PCI/G |
|                          | 2.060  | 4.120 | SC-06410-S | PCI/G |
|                          | 3.550  | 2.440 | SC-06411-S | PCI/G |
|                          | 2.145  | 4.290 | SC-06412-S | PCI/G |
|                          | 2.395  | 4.790 | SC-06413-S | PCI/G |
|                          | 1.870  | 3.740 | SC-06415-S | PCI/G |
|                          | 1.715  | 3.430 | SC-06416-S | PCI/G |
|                          | 2.490  | 2.860 | SC-06417-S | PCI/G |
|                          | 1.690  | 3.380 | SC-06418-S | PCI/G |
|                          | 9.820  | 4.790 | SC-06419-S | PCI/G |
|                          | 1.540  | 3.080 | SC-06420-S | PCI/G |
|                          | 3.330  | 3.500 | SC-06421-S | PCI/G |
|                          | 1.990  | 3.980 | SC-06422-S | PCI/G |
|                          | 2.445  | 4.890 | SC-06423-S | PCI/G |
|                          | 1.740  | 3.480 | SC-06424-S | PCI/G |
|                          | 1.760  | 3.520 | SC-06414-S | PCI/G |
|                          | 2.050  | 4.100 | SC-06513-S | PCI/G |
|                          | 2.040  | 4.080 | SC-06519-S | PCI/G |

URANIUM-238 AVERAGE = 2.813 PCI/G

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP470 2. Date: 09/13/96 3. Review Form #: 96-059  
4. Remediation Unit Number: R1007 5. Confirmation Unit Number: C1065 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☒ Th-232 ☒ Ra-226 ☒ Ra-228  
☐ TNT ☒ PCB ☒ PAH ☒ As ☒ Cr ☒ Pb ☒ Ti

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? one location in trench is above criteria ☒ Yes ☐ No  
but below subsurface criteria - is going to receive backfill.  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter  | Size | Concentration | Complies with Plan?                                      |
|------------|------|---------------|--|
| <u>N/A</u> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: Mel H. Lutz Date: 09/13/96

12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: D. Meyer Date: 9/13/96  
15. DOE Project Manager/Engineer: Thomas C. Dauling (see note) Date: 9/13/96  
16. Project Manager: [Signature] Date: 9/13/96  
17. Construction Engineer: Shirley L. Cagney Date: 9/13/96

/CO. note: location will not be disturbed by future regrading for cell base preparation

SEE ATTACHED RESULTS AND MAP



## CU065 DATA REPORT

PARAMETER CONC DL LOCATION UNITS

PCB (24 SAMPLES) *max 8.14.97*  
25

|       |    |            |       |
|-------|----|------------|-------|
| 0.000 | NA | SC-06504-S | UG/KG |
| 0.000 | NA | SC-06510-S | UG/KG |
| 0.000 | NA | SC-06511-S | UG/KG |
| 0.000 | NA | SC-06512-S | UG/KG |
| 0.000 | NA | SC-06516-S | UG/KG |
| 0.000 | NA | SC-06522-S | UG/KG |
| 0.000 | NA | SC-06505-S | UG/KG |
| 0.000 | NA | SC-06517-S | UG/KG |
| 0.000 | NA | SC-06506-S | UG/KG |
| 0.000 | NA | SC-06517-C | UG/KG |
| 0.000 | NA | SC-06612-S | UG/KG |
| 0.000 | NA | SC-06608-S | UG/KG |
| 0.000 | NA | SC-06616-S | UG/KG |
| 0.000 | NA | SC-07519-S | UG/KG |
| 0.000 | NA | SC-07518-S | UG/KG |
| 0.000 | NA | SC-06509-S | UG/KG |
| 0.000 | NA | SC-06819-S | UG/KG |
| 0.000 | NA | SC-06820-S | UG/KG |
| 0.000 | NA | SC-06821-S | UG/KG |
| 0.000 | NA | SC-06519-S | UG/KG |
| 0.000 | NA | SC-06508-S | UG/KG |
| 0.000 | NA | SC-06513-S | UG/KG |
| 0.000 | NA | SC-06507-S | UG/KG |
| 0.000 | NA | SC-06518-S | UG/KG |
| 0.000 | NA | SC-06501-S | UG/KG |

PCB AVERAGE = NA

PAH (21 SAMPLES)

|           |        |            |       |
|-----------|--------|------------|-------|
| 582.000   | 5.300  | SC-06616-S | UG/KG |
| 0.000     | 5.500  | SC-06504-S | UG/KG |
| 0.000     | 5.100  | SC-06511-S | UG/KG |
| 0.000     | 5.100  | SC-06512-S | UG/KG |
| 18.000    | 4.800  | SC-06516-S | UG/KG |
| 0.000     | 5.200  | SC-06515-S | UG/KG |
| 0.000     | 5.200  | SC-06522-S | UG/KG |
| 0.000     | 5.300  | SC-06521-S | UG/KG |
| 0.000     | 5.200  | SC-06518-S | UG/KG |
| 0.000     | 5.200  | SC-05805-S | UG/KG |
| 1,300.000 | 51.000 | SC-05801-S | UG/KG |
| 0.000     | 5.200  | SC-06523-S | UG/KG |
| 0.000     | 5.500  | SC-06510-S | UG/KG |
| 66.000    | 5.200  | SC-06524-S | UG/KG |
| 16.000    | 5.200  | SC-06513-S | UG/KG |
| 67.000    | 5.000  | SC-06519-S | UG/KG |
| 8.400     | 4.800  | SC-06520-S | UG/KG |
| 51.000    | 5.000  | SC-06514-S | UG/KG |
| 20.000    | 5.600  | SC-06507-S | UG/KG |
| 0.000     | 4.600  | SC-06508-S | UG/KG |
| 12.000    | 5.600  | SC-06501-S | UG/KG |

PAH AVERAGE = 101.924 UG/KG (0.102 MG/KG)

## CU065 DATA REPORT (CONTINUED)

| PARAMETER            | CONC   | DL    | LOCATION   | UNITS |
|----------------------|--------|-------|------------|-------|
| ARSENIC (22 SAMPLES) |        |       |            |       |
|                      | 1.300  | 0.490 | SC-06614-S | UG/G  |
|                      | 9.900  | 0.460 | SC-06608-S | UG/G  |
|                      | 16.300 | 0.440 | SC-06612-S | UG/G  |
|                      | 6.000  | 0.510 | SC-06510-S | UG/G  |
|                      | 22.100 | 0.510 | SC-06504-S | UG/G  |
|                      | 2.500  | 0.480 | SC-06511-S | UG/G  |
|                      | 4.300  | 0.480 | SC-06512-S | UG/G  |
|                      | 4.200  | 0.450 | SC-06516-S | UG/G  |
|                      | 6.700  | 0.480 | SC-06522-S | UG/G  |
|                      | 12.700 | 0.500 | SC-06506-S | UG/G  |
|                      | 7.300  | 0.470 | SC-06505-S | UG/G  |
|                      | 13.900 | 0.480 | SC-06519-S | UG/G  |
|                      | 7.300  | 0.460 | SC-06820-S | UG/G  |
|                      | 7.800  | 0.440 | SC-06821-S | UG/G  |
|                      | 2.800  | 0.470 | SC-06509-S | UG/G  |
|                      | 6.200  | 0.490 | SC-07518-S | UG/G  |
|                      | 4.200  | 0.510 | SC-07519-S | UG/G  |
|                      | 6.400  | 0.520 | SC-06501-S | UG/G  |
|                      | 5.200  | 0.430 | SC-06508-S | UG/G  |
|                      | 5.400  | 0.510 | SC-06507-S | UG/G  |
|                      | 10.700 | 0.460 | SC-06519-S | UG/G  |
|                      | 7.100  | 0.470 | SC-06513-S | UG/G  |

ARSENIC AVERAGE = 7.741 UG/G

| PARAMETER             | CONC   | DL    | LOCATION   | UNITS |
|-----------------------|--------|-------|------------|-------|
| CHROMIUM (22 SAMPLES) |        |       |            |       |
|                       | 18.800 | 0.590 | SC-06510-S | UG/G  |
|                       | 19.800 | 0.580 | SC-06504-S | UG/G  |
|                       | 20.300 | 0.510 | SC-06612-S | UG/G  |
|                       | 15.900 | 0.560 | SC-06616-S | UG/G  |
|                       | 14.600 | 0.530 | SC-06608-S | UG/G  |
|                       | 14.500 | 0.540 | SC-06509-S | UG/G  |
|                       | 15.100 | 0.520 | SC-06516-S | UG/G  |
|                       | 17.000 | 0.560 | SC-06819-S | UG/G  |
|                       | 14.900 | 0.530 | SC-06820-S | UG/G  |
|                       | 13.300 | 0.510 | SC-06821-S | UG/G  |
|                       | 16.300 | 0.550 | SC-06511-S | UG/G  |
|                       | 12.400 | 0.550 | SC-06512-S | UG/G  |
|                       | 12.000 | 0.550 | SC-06522-S | UG/G  |
|                       | 16.800 | 0.580 | SC-06506-S | UG/G  |
|                       | 12.900 | 0.540 | SC-06505-S | UG/G  |
|                       | 14.200 | 0.580 | SC-07519-S | UG/G  |
|                       | 15.700 | 0.560 | SC-07518-S | UG/G  |
|                       | 17.700 | 0.550 | SC-06513-S | UG/G  |
|                       | 16.600 | 0.530 | SC-06519-S | UG/G  |
|                       | 16.500 | 0.590 | SC-06507-S | UG/G  |
|                       | 19.300 | 0.500 | SC-06508-S | UG/G  |
|                       | 12.400 | 0.600 | SC-06501-S | UG/G  |

CHROMIUM AVERAGE = 15.773 UG/G

## CU065 DATA REPORT (CONTINUED)

| PARAMETER         | CONC    | DL    | LOCATION   | UNITS |
|-------------------|---------|-------|------------|-------|
| LEAD (22 SAMPLES) |         |       |            |       |
|                   | 19.300  | 0.350 | SC-06506-S | UG/G  |
|                   | 31.200  | 0.310 | SC-06612-S | UG/G  |
|                   | 8.200   | 0.330 | SC-06511-S | UG/G  |
|                   | 16.100  | 0.360 | SC-06504-S | UG/G  |
|                   | 10.100  | 0.360 | SC-06510-S | UG/G  |
|                   | 13.000  | 0.330 | SC-06505-S | UG/G  |
|                   | 7.600   | 0.330 | SC-06509-S | UG/G  |
|                   | 11.900  | 0.340 | SC-07518-S | UG/G  |
|                   | 12.000  | 0.350 | SC-07519-S | UG/G  |
|                   | 18.000  | 0.320 | SC-06608-S | UG/G  |
|                   | 6.400   | 0.340 | SC-06616-S | UG/G  |
|                   | 817.000 | 0.340 | SC-06522-S | UG/G  |
|                   | 13.700  | 0.320 | SC-06820-S | UG/G  |
|                   | 13.500  | 0.340 | SC-06819-S | UG/G  |
|                   | 15.700  | 0.310 | SC-06821-S | UG/G  |
|                   | 11.500  | 0.320 | SC-06516-S | UG/G  |
|                   | 8.300   | 0.330 | SC-06512-S | UG/G  |
|                   | 18.100  | 0.360 | SC-06501-S | UG/G  |
|                   | 9.900   | 0.300 | SC-06508-S | UG/G  |
|                   | 12.000  | 0.360 | SC-06507-S | UG/G  |
|                   | 10.600  | 0.330 | SC-06513-S | UG/G  |
|                   | 19.800  | 0.320 | SC-06519-S | UG/G  |

LEAD AVERAGE = 50.177 UG/G

## THALLIUM (14 SAMPLES)

|       |       |            |      |
|-------|-------|------------|------|
| 0.880 | 0.770 | SC-06522-S | UG/G |
| 0.360 | 0.720 | SC-06516-S | UG/G |
| 0.380 | 0.760 | SC-06512-S | UG/G |
| 0.380 | 0.760 | SC-06511-S | UG/G |
| 1.800 | 0.810 | SC-06504-S | UG/G |
| 1.300 | 0.820 | SC-06510-S | UG/G |
| 0.375 | 0.750 | SC-06509-S | UG/G |
| 0.395 | 0.790 | SC-07518-S | UG/G |
| 0.405 | 0.810 | SC-07519-S | UG/G |
| 0.870 | 0.830 | SC-06501-S | UG/G |
| 0.345 | 0.690 | SC-06508-S | UG/G |
| 0.410 | 0.820 | SC-06507-S | UG/G |
| 0.830 | 0.760 | SC-06513-S | UG/G |
| 0.910 | 0.730 | SC-06519-S | UG/G |

THALLIUM AVERAGE = 0.689 UG/G

## CU065 DATA REPORT (CONTINUED)

| PARAMETER | CONC | DL | LOCATION | UNITS |
|-----------|------|----|----------|-------|
|-----------|------|----|----------|-------|

## RADIUM-226 (14 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 2.565 | 0.390 | SC-06519-S | PCI/G |
| 2.225 | 0.390 | SC-06513-S | PCI/G |
| 2.157 | 0.430 | SC-06508-S | PCI/G |
| 2.334 | 0.220 | SC-06507-S | PCI/G |
| 2.338 | 0.290 | SC-06501-S | PCI/G |
| 2.338 | 0.420 | SC-06608-S | PCI/G |
| 2.134 | 0.250 | SC-06516-S | PCI/G |
| 2.384 | 0.300 | SC-06512-S | PCI/G |
| 2.157 | 0.230 | SC-06511-S | PCI/G |
| 1.816 | 0.290 | SC-06510-S | PCI/G |
| 2.883 | 0.320 | SC-06504-S | PCI/G |
| 1.680 | 0.340 | SC-07519-S | PCI/G |
| 1.249 | 0.370 | SC-07518-S | PCI/G |
| 1.703 | 0.270 | SC-06522-S | PCI/G |

RADIUM-226 AVERAGE = 2.140 PCI/G

## RADIUM-228 (14 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 0.585 | 1.170 | SC-06516-S | PCI/G |
| 0.850 | 0.490 | SC-06512-S | PCI/G |
| 1.320 | 0.320 | SC-06511-S | PCI/G |
| 0.550 | 1.100 | SC-06510-S | PCI/G |
| 1.150 | 0.470 | SC-06504-S | PCI/G |
| 1.220 | 0.400 | SC-06507-S | PCI/G |
| 1.310 | 0.400 | SC-06501-S | PCI/G |
| 0.990 | 0.510 | SC-06508-S | PCI/G |
| 1.370 | 0.520 | SC-06513-S | PCI/G |
| 1.360 | 0.670 | SC-06519-S | PCI/G |
| 1.140 | 0.560 | SC-06522-S | PCI/G |
| 1.330 | 0.530 | SC-06608-S | PCI/G |
| 1.470 | 0.380 | SC-07519-S | PCI/G |
| 1.200 | 0.510 | SC-07518-S | PCI/G |

RADIUM-228 AVERAGE = 1.132 PCI/G

## THORIUM-230 (21 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 1.210 | 0.720 | SC-06522-S | PCI/G |
| 0.960 | 0.720 | SC-06519-S | PCI/G |
| 0.740 | 0.720 | SC-06513-S | PCI/G |
| 0.970 | 0.720 | SC-06508-S | PCI/G |
| 0.730 | 0.720 | SC-06507-S | PCI/G |
| 1.220 | 0.720 | SC-06501-S | PCI/G |
| 1.250 | 0.078 | SC-06819-S | PCI/G |
| 1.060 | 0.064 | SC-06820-S | PCI/G |
| 1.150 | 0.059 | SC-06821-S | PCI/G |
| 1.190 | 0.720 | SC-06504-S | PCI/G |
| 1.290 | 0.720 | SC-06505-S | PCI/G |
| 1.410 | 0.720 | SC-06506-S | PCI/G |
| 1.310 | 0.720 | SC-06510-S | PCI/G |
| 1.120 | 0.720 | SC-06511-S | PCI/G |
| 1.230 | 0.720 | SC-06512-S | PCI/G |
| 0.890 | 0.720 | SC-06516-S | PCI/G |
| 2.720 | 2.270 | SC-06616-S | PCI/G |
| 3.030 | 2.270 | SC-06612-S | PCI/G |
| 2.890 | 2.270 | SC-06608-S | PCI/G |
| 1.170 | 0.720 | SC-07519-S | PCI/G |
| 0.960 | 0.720 | SC-07518-S | PCI/G |

THORIUM-230 AVERAGE = 1.357 PCI/G

## CU065 DATA REPORT (CONTINUED)

| PARAMETER                         | CONC   | DL    | LOCATION   | UNITS |
|-----------------------------------|--------|-------|------------|-------|
| URANIUM-238 (35 SAMPLES)          |        |       |            |       |
|                                   | 4.170  | 3.040 | SC-06503-S | PCI/G |
|                                   | 2.330  | 4.660 | SC-06523-S | PCI/G |
|                                   | 10.960 | 3.230 | SC-05803-S | PCI/G |
|                                   | 6.770  | 2.200 | SC-05801-S | PCI/G |
|                                   | 1.920  | 2.820 | SC-06821-S | PCI/G |
|                                   | 1.365  | 2.730 | SC-06820-S | PCI/G |
|                                   | 2.035  | 4.070 | SC-06819-S | PCI/G |
|                                   | 2.430  | 2.600 | SC-06501-S | PCI/G |
|                                   | 2.040  | 4.080 | SC-06502-S | PCI/G |
|                                   | 1.550  | 3.100 | SC-06507-S | PCI/G |
|                                   | 3.140  | 3.150 | SC-06508-S | PCI/G |
|                                   | 2.080  | 4.100 | SC-06513-S | PCI/G |
|                                   | 3.030  | 2.670 | SC-06514-S | PCI/G |
|                                   | 2.040  | 4.080 | SC-06519-S | PCI/G |
|                                   | 2.450  | 2.430 | SC-06520-S | PCI/G |
|                                   | 1.900  | 3.800 | SC-06608-S | PCI/G |
|                                   | 1.355  | 3.110 | SC-06506-S | PCI/G |
|                                   | 15.650 | 3.560 | SC-06509-S | PCI/G |
|                                   | 3.730  | 3.800 | SC-06510-S | PCI/G |
|                                   | 3.660  | 2.050 | SC-06504-S | PCI/G |
|                                   | 2.380  | 3.380 | SC-06505-S | PCI/G |
|                                   | 7.190  | 2.790 | SC-06511-S | PCI/G |
|                                   | 16.100 | 2.960 | SC-06512-S | PCI/G |
|                                   | 2.005  | 4.010 | SC-06515-S | PCI/G |
|                                   | 2.130  | 4.260 | SC-06516-S | PCI/G |
|                                   | 2.175  | 4.350 | SC-06517-S | PCI/G |
|                                   | 1.955  | 3.910 | SC-06518-S | PCI/G |
|                                   | 3.280  | 2.600 | SC-07520-S | PCI/G |
|                                   | 2.010  | 2.900 | SC-07518-S | PCI/G |
|                                   | 4.750  | 3.650 | SC-07519-S | PCI/G |
|                                   | 2.130  | 4.260 | SC-06521-S | PCI/G |
|                                   | 1.510  | 3.020 | SC-06522-S | PCI/G |
|                                   | 7.600  | 2.770 | SC-06524-S | PCI/G |
|                                   | 1.500  | 3.000 | SC-06612-S | PCI/G |
|                                   | 1.940  | 3.880 | SC-06616-S | PCI/G |
| URANIUM-238 AVERAGE = 3.812 PCI/G |        |       |            |       |

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP470 2. Date: 09/13/96 3. Review Form #: 96-059  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU065 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☐ Th-232 ☒ Ra-226 ☒ Ra-228  
☐ TNT ☒ PCB ☒ PAH ☒ As ☒ Cr ☒ Pb ☒ Ti

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? one location in trench is above criteria but below subsurface criteria & is going to receive backfill. ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter  | Size | Concentration | Complies with Plan?                                      |
|------------|------|---------------|--|
| <u>N/A</u> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: Mel H. Lutz Date: 09/13/96

12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

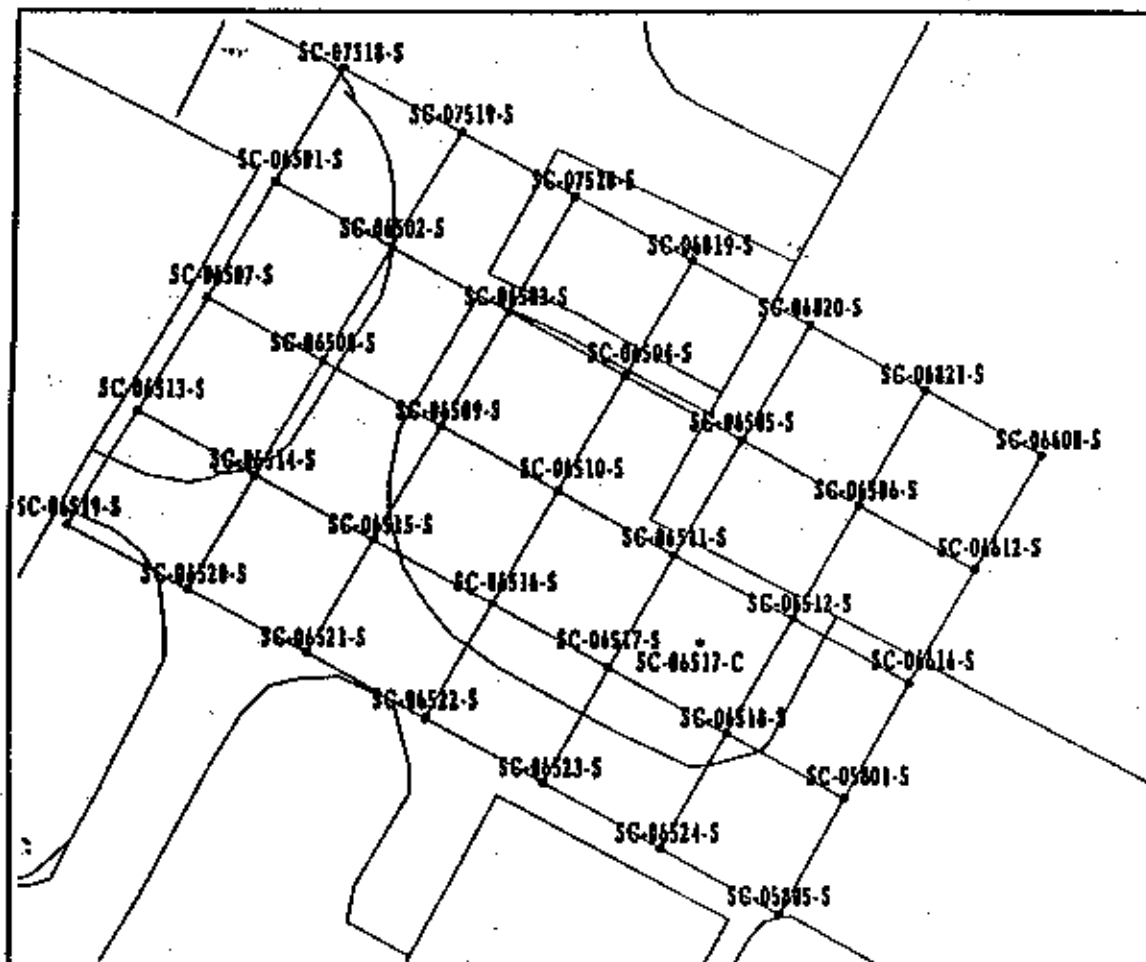
SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: D. Meyer Date: 9/13/96  
15. DOE Project Manager/Engineer: Thomas C. Tauling (see note) Date: 9/13/96  
16. Project Manager: [Signature] Date: 9/13/96  
17. Construction Engineer: Daniel L. Cagney Date: 9/13/96

of CO. note: location will not be disturbed by future regrading for cell base preparation

SEE ATTACHED RESULTS AND MAP



Sample Locations in Remedial Unit RU007  
Confirmation Unit CU065

Figure B-46

EXHIBIT NO.: A/CP/128/1295

REPORT NO.: DOE/OR/21548-590

ORIGINATOR: MGL

DRAWN BY: WSSRAP GIS

DATE: 3/96

## CU063 DATA REPORT

| PARAMETER        | CONC  | DL | LOCATION   | UNITS |
|------------------|-------|----|------------|-------|
| PCB (24 SAMPLES) |       |    |            |       |
|                  | 0.000 | NA | SC-06504-S | UG/KG |
|                  | 0.000 | NA | SC-06510-S | UG/KG |
|                  | 0.000 | NA | SC-06511-S | UG/KG |
|                  | 0.000 | NA | SC-06512-S | UG/KG |
|                  | 0.000 | NA | SC-06516-S | UG/KG |
|                  | 0.000 | NA | SC-06522-S | UG/KG |
|                  | 0.000 | NA | SC-06505-S | UG/KG |
|                  | 0.000 | NA | SC-06517-S | UG/KG |
|                  | 0.000 | NA | SC-06506-S | UG/KG |
|                  | 0.000 | NA | SC-06517-C | UG/KG |
|                  | 0.000 | NA | SC-06612-S | UG/KG |
|                  | 0.000 | NA | SC-06608-S | UG/KG |
|                  | 0.000 | NA | SC-06616-S | UG/KG |
|                  | 0.000 | NA | SC-07519-S | UG/KG |
|                  | 0.000 | NA | SC-07518-S | UG/KG |
|                  | 0.000 | NA | SC-06509-S | UG/KG |
|                  | 0.000 | NA | SC-06619-S | UG/KG |
|                  | 0.000 | NA | SC-06820-S | UG/KG |
|                  | 0.000 | NA | SC-06821-S | UG/KG |
|                  | 0.000 | NA | SC-06519-S | UG/KG |
|                  | 0.000 | NA | SC-06508-S | UG/KG |
|                  | 0.000 | NA | SC-06513-S | UG/KG |
|                  | 0.000 | NA | SC-06507-S | UG/KG |
|                  | 0.000 | NA | SC-06518-S | UG/KG |
|                  | 0.000 | NA | SC-06501-S | UG/KG |

PCB AVERAGE = NA

## PAH (21 SAMPLES)

|           |        |            |       |
|-----------|--------|------------|-------|
| 582.000   | 5.300  | SC-06616-S | UG/KG |
| 0.000     | 5.500  | SC-06504-S | UG/KG |
| 0.000     | 5.100  | SC-06511-S | UG/KG |
| 0.000     | 5.100  | SC-06512-S | UG/KG |
| 18.000    | 4.800  | SC-06516-S | UG/KG |
| 0.000     | 5.200  | SC-06515-S | UG/KG |
| 0.000     | 5.200  | SC-06522-S | UG/KG |
| 0.000     | 5.300  | SC-06521-S | UG/KG |
| 0.000     | 5.200  | SC-06518-S | UG/KG |
| 0.000     | 5.200  | SC-05805-S | UG/KG |
| 1,300.000 | 51.000 | SC-05801-S | UG/KG |
| 0.000     | 5.200  | SC-06523-S | UG/KG |
| 0.000     | 5.500  | SC-06510-S | UG/KG |
| 66.000    | 5.200  | SC-06524-S | UG/KG |
| 16.000    | 5.200  | SC-06513-S | UG/KG |
| 67.000    | 5.000  | SC-06519-S | UG/KG |
| 8.400     | 4.800  | SC-06520-S | UG/KG |
| 51.000    | 5.000  | SC-06514-S | UG/KG |
| 20.000    | 5.600  | SC-06507-S | UG/KG |
| 0.000     | 4.600  | SC-06508-S | UG/KG |
| 12.000    | 5.600  | SC-06501-S | UG/KG |

PAH AVERAGE = 101.924 UG/KG (0.102 MG/KG)

## CU065 DATA REPORT (CONTINUED)

| PARAMETER            | CONC   | DL    | LOCATION   | UNITS |
|----------------------|--------|-------|------------|-------|
| ARSENIC (22 SAMPLES) |        |       |            |       |
|                      | 1.300  | 0.490 | SC-06616-S | UG/G  |
|                      | 9.900  | 0.460 | SC-06608-S | UG/G  |
|                      | 16.300 | 0.440 | SC-06612-S | UG/G  |
|                      | 6.000  | 0.510 | SC-06510-S | UG/G  |
|                      | 22.100 | 0.510 | SC-06504-S | UG/G  |
|                      | 2.500  | 0.480 | SC-06511-S | UG/G  |
|                      | 4.300  | 0.480 | SC-06512-S | UG/G  |
|                      | 4.200  | 0.490 | SC-06516-S | UG/G  |
|                      | 6.700  | 0.480 | SC-06522-S | UG/G  |
|                      | 12.700 | 0.500 | SC-06506-S | UG/G  |
|                      | 7.300  | 0.470 | SC-06505-S | UG/G  |
|                      | 13.900 | 0.480 | SC-06819-S | UG/G  |
|                      | 7.300  | 0.460 | SC-06820-S | UG/G  |
|                      | 7.800  | 0.440 | SC-06821-S | UG/G  |
|                      | 2.800  | 0.470 | SC-06509-S | UG/G  |
|                      | 6.200  | 0.490 | SC-07518-S | UG/G  |
|                      | 4.200  | 0.510 | SC-07519-S | UG/G  |
|                      | 6.400  | 0.520 | SC-06501-S | UG/G  |
|                      | 5.200  | 0.430 | SC-06508-S | UG/G  |
|                      | 5.400  | 0.510 | SC-06507-S | UG/G  |
|                      | 10.700 | 0.460 | SC-06519-S | UG/G  |
|                      | 7.100  | 0.470 | SC-06513-S | UG/G  |

ARSENIC AVERAGE = 7.741 UG/G

## CHROMIUM (22 SAMPLES)

|        |       |            |      |
|--------|-------|------------|------|
| 18.800 | 0.590 | SC-06510-S | UG/G |
| 19.800 | 0.580 | SC-06504-S | UG/G |
| 20.300 | 0.510 | SC-06612-S | UG/G |
| 15.900 | 0.560 | SC-06616-S | UG/G |
| 14.600 | 0.530 | SC-06608-S | UG/G |
| 14.500 | 0.540 | SC-06509-S | UG/G |
| 15.100 | 0.520 | SC-06516-S | UG/G |
| 17.000 | 0.560 | SC-06819-S | UG/G |
| 14.900 | 0.530 | SC-06820-S | UG/G |
| 13.300 | 0.510 | SC-06821-S | UG/G |
| 16.300 | 0.550 | SC-06511-S | UG/G |
| 12.400 | 0.550 | SC-06512-S | UG/G |
| 12.000 | 0.550 | SC-06522-S | UG/G |
| 16.800 | 0.580 | SC-06506-S | UG/G |
| 12.900 | 0.540 | SC-06505-S | UG/G |
| 14.200 | 0.580 | SC-07519-S | UG/G |
| 15.700 | 0.560 | SC-07518-S | UG/G |
| 17.700 | 0.550 | SC-06513-S | UG/G |
| 16.600 | 0.530 | SC-06519-S | UG/G |
| 16.500 | 0.590 | SC-06507-S | UG/G |
| 19.300 | 0.500 | SC-06508-S | UG/G |
| 12.400 | 0.600 | SC-06501-S | UG/G |

CHROMIUM AVERAGE = 15.773 UG/G

09/11/96

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## CU065 DATA REPORT (CONTINUED)

| PARAMETER         | CONC    | DL    | LOCATION   | UNITS |
|-------------------|---------|-------|------------|-------|
| LEAD (22 SAMPLES) |         |       |            |       |
|                   | 19.300  | 0.330 | SC-06506-S | UG/G  |
|                   | 31.200  | 0.310 | SC-06612-S | UG/G  |
|                   | 8.200   | 0.330 | SC-06511-S | UG/G  |
|                   | 16.100  | 0.360 | SC-06504-S | UG/G  |
|                   | 10.100  | 0.360 | SC-06510-S | UG/G  |
|                   | 13.000  | 0.330 | SC-06505-S | UG/G  |
|                   | 7.600   | 0.330 | SC-06509-S | UG/G  |
|                   | 11.900  | 0.340 | SC-07518-S | UG/G  |
|                   | 12.000  | 0.330 | SC-07519-S | UG/G  |
|                   | 18.000  | 0.320 | SC-06608-S | UG/G  |
|                   | 6.400   | 0.340 | SC-06616-S | UG/G  |
|                   | 817.000 | 0.340 | SC-06522-S | UG/G  |
|                   | 13.700  | 0.320 | SC-06820-S | UG/G  |
|                   | 13.500  | 0.340 | SC-06819-S | UG/G  |
|                   | 15.700  | 0.310 | SC-06821-S | UG/G  |
|                   | 11.500  | 0.320 | SC-06516-S | UG/G  |
|                   | 8.300   | 0.330 | SC-06512-S | UG/G  |
|                   | 18.100  | 0.360 | SC-06501-S | UG/G  |
|                   | 9.900   | 0.300 | SC-06508-S | UG/G  |
|                   | 12.000  | 0.360 | SC-06507-S | UG/G  |
|                   | 10.600  | 0.330 | SC-06513-S | UG/G  |
|                   | 19.800  | 0.320 | SC-06519-S | UG/G  |

LEAD AVERAGE = 50.177 UG/G

## THALLIUM (14 SAMPLES)

|       |       |            |      |
|-------|-------|------------|------|
| 0.880 | 0.770 | SC-06522-S | UG/G |
| 0.360 | 0.720 | SC-06516-S | UG/G |
| 0.380 | 0.760 | SC-06512-S | UG/G |
| 0.380 | 0.760 | SC-06511-S | UG/G |
| 1.800 | 0.810 | SC-06504-S | UG/G |
| 1.300 | 0.820 | SC-06510-S | UG/G |
| 0.375 | 0.750 | SC-06509-S | UG/G |
| 0.395 | 0.790 | SC-07518-S | UG/G |
| 0.405 | 0.810 | SC-07519-S | UG/G |
| 0.870 | 0.830 | SC-06501-S | UG/G |
| 0.345 | 0.690 | SC-06508-S | UG/G |
| 0.410 | 0.820 | SC-06507-S | UG/G |
| 0.830 | 0.760 | SC-06513-S | UG/G |
| 0.910 | 0.730 | SC-06519-S | UG/G |

THALLIUM AVERAGE = 0.689 UG/G

## CU065 DATA REPORT (CONTINUED)

| PARAMETER                         | CONC  | DL    | LOCATION   | UNITS |
|-----------------------------------|-------|-------|------------|-------|
| RADIUM-226 (14 SAMPLES)           |       |       |            |       |
|                                   | 2.365 | 0.390 | SC-06519-S | PCU/G |
|                                   | 2.225 | 0.330 | SC-06513-S | PCU/G |
|                                   | 2.157 | 0.430 | SC-06508-S | PCU/G |
|                                   | 2.338 | 0.220 | SC-06507-S | PCU/G |
|                                   | 2.338 | 0.290 | SC-06501-S | PCU/G |
|                                   | 2.338 | 0.420 | SC-06608-S | PCU/G |
|                                   | 2.134 | 0.250 | SC-06516-S | PCU/G |
|                                   | 2.384 | 0.380 | SC-06512-S | PCU/G |
|                                   | 2.157 | 0.230 | SC-06511-S | PCU/G |
|                                   | 1.816 | 0.290 | SC-06510-S | PCU/G |
|                                   | 2.893 | 0.320 | SC-06504-S | PCU/G |
|                                   | 1.680 | 0.340 | SC-07519-S | PCU/G |
|                                   | 1.249 | 0.370 | SC-07518-S | PCU/G |
|                                   | 1.703 | 0.270 | SC-06522-S | PCU/G |
| RADIUM-226 AVERAGE = 2.148 PCU/G  |       |       |            |       |
| RADIUM-228 (14 SAMPLES)           |       |       |            |       |
|                                   | 0.385 | 1.170 | SC-06516-S | PCU/G |
|                                   | 0.850 | 0.490 | SC-06512-S | PCU/G |
|                                   | 1.320 | 0.320 | SC-06511-S | PCU/G |
|                                   | 0.550 | 1.100 | SC-06510-S | PCU/G |
|                                   | 1.150 | 0.470 | SC-06504-S | PCU/G |
|                                   | 1.220 | 0.400 | SC-06507-S | PCU/G |
|                                   | 1.310 | 0.400 | SC-06501-S | PCU/G |
|                                   | 0.990 | 0.510 | SC-06508-S | PCU/G |
|                                   | 1.370 | 0.520 | SC-06513-S | PCU/G |
|                                   | 1.360 | 0.670 | SC-06519-S | PCU/G |
|                                   | 1.140 | 0.560 | SC-06522-S | PCU/G |
|                                   | 1.330 | 0.530 | SC-06608-S | PCU/G |
|                                   | 1.470 | 0.380 | SC-07519-S | PCU/G |
|                                   | 1.280 | 0.510 | SC-07518-S | PCU/G |
| RADIUM-228 AVERAGE = 1.132 PCU/G  |       |       |            |       |
| THORIUM-230 (21 SAMPLES)          |       |       |            |       |
|                                   | 1.210 | 0.720 | SC-06522-S | PCU/G |
|                                   | 0.960 | 0.720 | SC-06519-S | PCU/G |
|                                   | 0.740 | 0.720 | SC-06513-S | PCU/G |
|                                   | 0.970 | 0.720 | SC-06508-S | PCU/G |
|                                   | 0.730 | 0.720 | SC-06507-S | PCU/G |
|                                   | 1.220 | 0.720 | SC-06501-S | PCU/G |
|                                   | 1.250 | 0.078 | SC-06819-S | PCU/G |
|                                   | 1.060 | 0.064 | SC-06820-S | PCU/G |
|                                   | 1.150 | 0.059 | SC-06821-S | PCU/G |
|                                   | 1.190 | 0.720 | SC-06504-S | PCU/G |
|                                   | 1.290 | 0.720 | SC-06505-S | PCU/G |
|                                   | 1.410 | 0.720 | SC-06506-S | PCU/G |
|                                   | 1.310 | 0.720 | SC-06510-S | PCU/G |
|                                   | 1.120 | 0.720 | SC-06511-S | PCU/G |
|                                   | 1.230 | 0.720 | SC-06512-S | PCU/G |
|                                   | 0.890 | 0.720 | SC-06516-S | PCU/G |
|                                   | 2.720 | 2.270 | SC-06616-S | PCU/G |
|                                   | 3.030 | 2.270 | SC-06612-S | PCU/G |
|                                   | 2.890 | 2.270 | SC-06608-S | PCU/G |
|                                   | 1.170 | 0.720 | SC-07519-S | PCU/G |
|                                   | 0.960 | 0.720 | SC-07518-S | PCU/G |
| THORIUM-230 AVERAGE = 1.357 PCU/G |       |       |            |       |

## CU06S DATA REPORT (CONTINUED)

| PARAMETER                | CONC   | DL    | LOCATION   | UNITS |
|--------------------------|--------|-------|------------|-------|
| URANIUM-238 (35 SAMPLES) |        |       |            |       |
|                          | 4.170  | 3.040 | SC-06503-S | PCI/G |
|                          | 2.330  | 4.660 | SC-06523-S | PCI/G |
|                          | 10.960 | 3.230 | SC-05805-S | PCI/G |
|                          | 6.770  | 2.200 | SC-05801-S | PCI/G |
|                          | 1.920  | 2.820 | SC-06821-S | PCI/G |
|                          | 1.365  | 2.770 | SC-06820-S | PCI/G |
|                          | 2.035  | 4.070 | SC-06819-S | PCI/G |
|                          | 2.430  | 2.600 | SC-06501-S | PCI/G |
|                          | 2.040  | 4.080 | SC-06502-S | PCI/G |
|                          | 1.550  | 3.100 | SC-06507-S | PCI/G |
|                          | 3.140  | 3.150 | SC-06508-S | PCI/G |
|                          | 2.050  | 4.100 | SC-06513-S | PCI/G |
|                          | 3.030  | 2.670 | SC-06514-S | PCI/G |
|                          | 2.040  | 4.080 | SC-06519-S | PCI/G |
|                          | 2.450  | 2.430 | SC-06520-S | PCI/G |
|                          | 1.900  | 3.800 | SC-06608-S | PCI/G |
|                          | 1.555  | 3.110 | SC-06506-S | PCI/G |
|                          | 15.650 | 3.560 | SC-06509-S | PCI/G |
|                          | 3.730  | 3.800 | SC-06510-S | PCI/G |
|                          | 3.660  | 2.050 | SC-06504-S | PCI/G |
|                          | 2.380  | 3.380 | SC-06505-S | PCI/G |
|                          | 7.190  | 2.790 | SC-06511-S | PCI/G |
|                          | 16.100 | 2.960 | SC-06512-S | PCI/G |
|                          | 2.005  | 4.010 | SC-06515-S | PCI/G |
|                          | 2.130  | 4.260 | SC-06516-S | PCI/G |
|                          | 2.175  | 4.350 | SC-06517-S | PCI/G |
|                          | 1.955  | 3.910 | SC-06518-S | PCI/G |
|                          | 3.280  | 2.600 | SC-07520-S | PCI/G |
|                          | 2.010  | 2.900 | SC-07518-S | PCI/G |
|                          | 4.750  | 3.650 | SC-07519-S | PCI/G |
|                          | 2.130  | 4.260 | SC-06521-S | PCI/G |
|                          | 1.510  | 3.020 | SC-06522-S | PCI/G |
|                          | 7.600  | 2.770 | SC-06524-S | PCI/G |
|                          | 1.500  | 3.000 | SC-06612-S | PCI/G |
|                          | 1.940  | 3.830 | SC-06616-S | PCI/G |

URANIUM-238 AVERAGE = 3.812 PCI/G

## SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

### SECTION I

1. Work Package Number: WP420      2. Date: 08/30/96      3. Review Form #: 96-049  
 4. Remediation Unit Number: RU007      5. Confirmation Unit Number: CU006 (map attached)  
 6. Contaminants of Concern: ☒ U-238    ☒ Th-230    ☐ Th-232    ☒ Ra-226    ☒ Ra-228  
    ☐ TNT    ☒ PCB    ☒ PAH    ☒ As    ☒ Cr    ☒ Pb    ☐ TI

7. Results average below ALARA goal(s)? PAHs  $A_g = 0.63 \text{ mg/kg}$       ☐ Yes    ☒ No  
 8. All results below cleanup criteria?      ☒ Yes    ☐ No  
 9. Any results greater than 3X criteria?      ☐ Yes    ☒ No  
 10. Hotspots present (less than 3X criteria)?      ☐ Yes    ☒ No

| Parameter  | Size | Concentration | Complies with Plan?                                      |
|------------|------|---------------|--|
| <u>N/A</u> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: Mich A. Lutz      Date: 08/30/96

12. Reviewer Disposition Recommendation: ☐ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☒ ALARA Committee Required (Section III)

### SECTION II

*Results are ALARA. CU is released for unrestricted use.*

14. ES&H Manager: \_\_\_\_\_ Date: \_\_\_\_\_  
 15. DOE Project Manager/Engineer: \_\_\_\_\_ Date: \_\_\_\_\_  
 16. Project Manager: \_\_\_\_\_ Date: \_\_\_\_\_  
 17. Construction Engineer: \_\_\_\_\_ Date: \_\_\_\_\_

SEE ATTACHED RESULTS AND MAP

## SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

Page 2 of 2  
ES&H-1.2.1.03/96

## SECTION III

## ALARA Committee (Average above ALARA)

Confirmation unit status reports have been attached for the following contaminants of concern for which the average exceeds ALARA:

|              |               |               |               |               |            |
|--------------|---------------|---------------|---------------|---------------|------------|
| <u>U-238</u> | <u>Th-230</u> | <u>Th-232</u> | <u>Ra-226</u> | <u>RA-228</u> | <u>TNT</u> |
| <u>X PAH</u> | <u>As</u>     | <u>CF</u>     | <u>Pb</u>     | <u>TI</u>     | <u>PCB</u> |

Disposition Input: The PAH average exceeded ALARA (6.63mg/kg)  
for this cell. ALARA committee passed. This cell  
based upon the "to-date" information. To date, 59 of  
77 PAH samples have been below ALARA & 58%  
of the cell's have averages less than ALARA.

Disposition Decision: X Backfill/Release for Unrestricted Use.  
Additional Excavation Required.  
Additional Samples to be Collected.

Pass [Signature] 9/3/96  
 Vote ES&H Manager Date

Pass [Signature] 9/6/96  
 Vote DOE Project Manager/Engineer Date

Pass [Signature] 9-3-96  
 Vote Deputy Project Director - Operations Date

Pass [Signature] 9/3/96  
 Vote Environmental Protection Manager Date

Pass [Signature] 9/3/96  
 Vote Deputy Project Director - Environmental Date

[Signature] 9/3/96  
 Construction Engineer Date

[Signature] 7/3/96  
 Project Manager Date

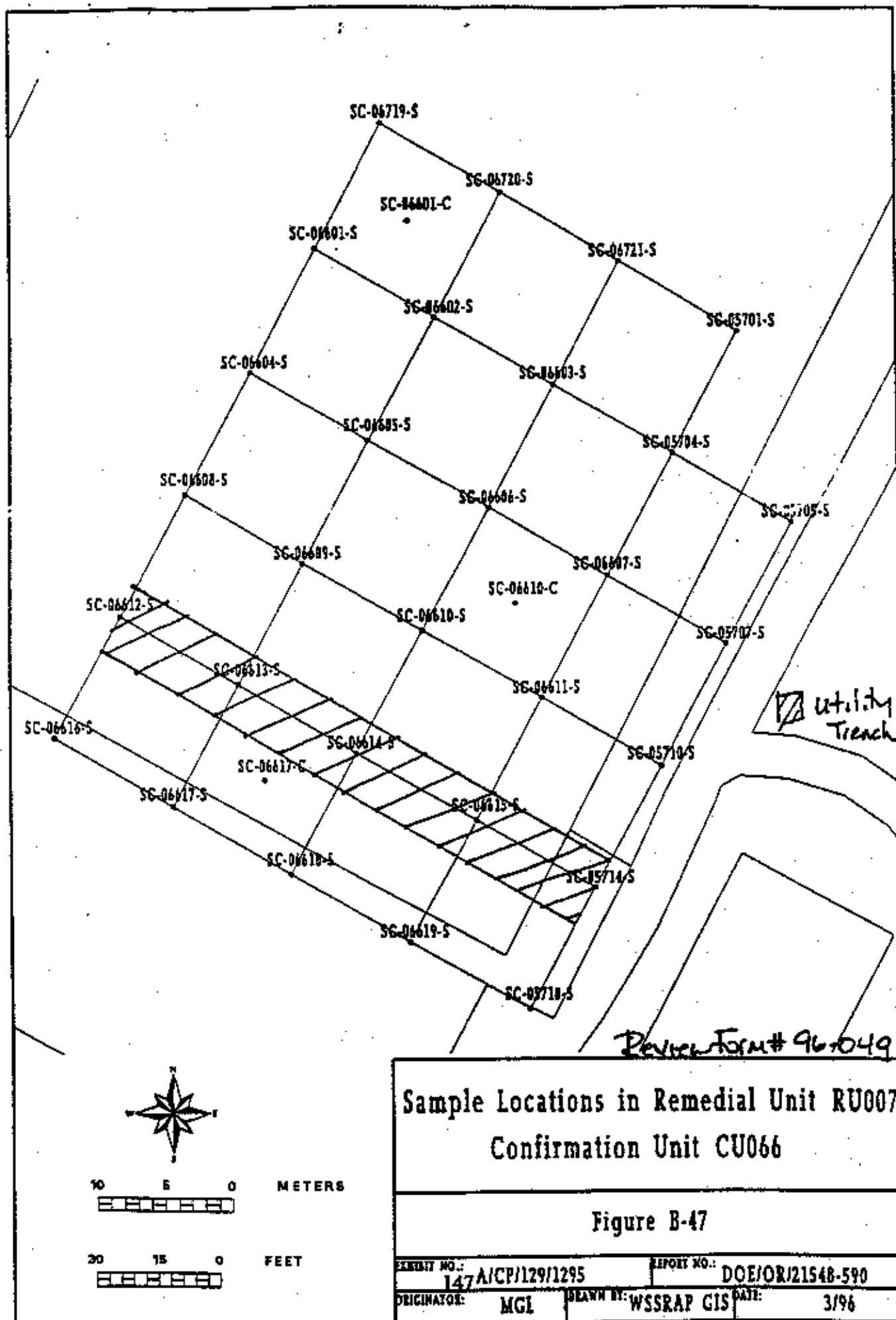
Section IV Results greater than 3X criteria or &gt; hotspot rule, additional excavation automatically required.

Project Manager: \_\_\_\_\_

Date: \_\_\_\_\_

Construction Engineer: \_\_\_\_\_

Date: \_\_\_\_\_



## CU066 DATA REPORT

| PARAMETER         | CONC    | DL     | LOCATION   | UNITS |
|-------------------|---------|--------|------------|-------|
| PCBs (51 SAMPLES) |         |        |            |       |
|                   | 0.000   | 37.000 | SC-05704-S | UG/KG |
|                   | 0.000   | 39.000 | SC-06721-S | UG/KG |
|                   | 0.000   | 37.000 | SC-06720-S | UG/KG |
|                   | 0.000   | 38.000 | SC-05701-S | UG/KG |
|                   | 0.000   | 41.000 | SC-06616-S | UG/KG |
|                   | 0.000   | 38.000 | SC-06601-C | UG/KG |
|                   | 0.000   | 39.000 | SC-06601-S | UG/KG |
|                   | 0.000   | 37.000 | SC-06602-S | UG/KG |
|                   | 0.000   | 38.000 | SC-06603-S | UG/KG |
|                   | 0.000   | 34.000 | SC-06605-S | UG/KG |
|                   | 0.000   | 40.000 | SC-06604-S | UG/KG |
|                   | 0.000   | 37.000 | SC-06606-S | UG/KG |
|                   | 0.000   | 35.000 | SC-06607-S | UG/KG |
|                   | 0.000   | 38.000 | SC-06608-S | UG/KG |
|                   | 0.000   | 35.000 | SC-06609-S | UG/KG |
|                   | 0.000   | 41.000 | SC-06610-C | UG/KG |
|                   | 200.000 | 39.000 | SC-06610-S | UG/KG |
|                   | 0.000   | 37.000 | SC-06611-S | UG/KG |
|                   | 0.000   | 37.000 | SC-06612-S | UG/KG |
|                   | 0.000   | 38.000 | SC-06613-S | UG/KG |
|                   | 0.000   | 40.000 | SC-06615-S | UG/KG |
|                   | 0.000   | 40.000 | SC-06614-S | UG/KG |
|                   | 0.000   | 38.000 | SC-06617-C | UG/KG |
|                   | 0.000   | 40.000 | SC-06617-S | UG/KG |
|                   | 0.000   | 40.000 | SC-06618-S | UG/KG |
|                   | 0.000   | 41.000 | SC-06619-S | UG/KG |
|                   | 94.000  | 40.000 | SC-06719-S | UG/KG |

PCB AVERAGE = 10.888 UG/KG (0.011 MG/KG)

| PARAMETER | CONC | DL | LOCATION      | UNITS |
|-----------|------|----|---------------|-------|
| PAH       | 582  |    | NA SC-06616-S | UG/KG |

PAH AVERAGE = 582 UG/KG (0.63 MG/KG)

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PAGE 2

## CU066 DATA REPORT (CONTINUED)

| PARAMETER            | CONC   | DL    | LOCATION   | UNITS |
|----------------------|--------|-------|------------|-------|
| ARSENIC (27 SAMPLES) |        |       |            |       |
|                      | 7.900  | 0.450 | SC-05704-S | UG/G  |
|                      | 9.400  | 0.460 | SC-05701-S | UG/G  |
|                      | 8.600  | 0.480 | SC-06719-S | UG/G  |
|                      | 5.600  | 0.450 | SC-06720-S | UG/G  |
|                      | 7.000  | 0.470 | SC-06721-S | UG/G  |
|                      | 8.700  | 0.500 | SC-06619-S | UG/G  |
|                      | 3.900  | 0.480 | SC-06618-S | UG/G  |
|                      | 3.600  | 0.490 | SC-06617-S | UG/G  |
|                      | 8.300  | 0.460 | SC-06617-C | UG/G  |
|                      | 8.200  | 0.480 | SC-06615-S | UG/G  |
|                      | 14.300 | 0.480 | SC-06614-S | UG/G  |
|                      | 3.900  | 0.460 | SC-06613-S | UG/G  |
|                      | 16.300 | 0.440 | SC-06612-S | UG/G  |
|                      | 9.400  | 0.450 | SC-06611-S | UG/G  |
|                      | 4.100  | 0.470 | SC-06610-S | UG/G  |
|                      | 7.200  | 0.490 | SC-06610-C | UG/G  |
|                      | 7.100  | 0.440 | SC-06609-S | UG/G  |
|                      | 9.900  | 0.460 | SC-06608-S | UG/G  |
|                      | 9.400  | 0.440 | SC-06607-S | UG/G  |
|                      | 1.300  | 0.490 | SC-06616-S | UG/G  |
|                      | 9.100  | 0.440 | SC-06606-S | UG/G  |
|                      | 4.500  | 0.410 | SC-06605-S | UG/G  |
|                      | 9.900  | 0.480 | SC-06604-S | UG/G  |
|                      | 7.500  | 0.460 | SC-06603-S | UG/G  |
|                      | 11.900 | 0.440 | SC-06602-S | UG/G  |
|                      | 8.300  | 0.460 | SC-06601-C | UG/G  |
|                      | 4.900  | 0.470 | SC-06601-S | UG/G  |

ARSENIC AVERAGE = 7.785 UG/G

## CHROMIUM (27 SAMPLES)

|        |       |            |      |
|--------|-------|------------|------|
| 20.300 | 0.510 | SC-06612-S | UG/G |
| 12.400 | 0.510 | SC-06611-S | UG/G |
| 9.900  | 0.550 | SC-06610-S | UG/G |
| 14.500 | 0.510 | SC-06602-S | UG/G |
| 15.300 | 0.530 | SC-06601-C | UG/G |
| 13.100 | 0.530 | SC-06613-S | UG/G |
| 19.000 | 0.530 | SC-06617-C | UG/G |
| 18.800 | 0.550 | SC-06615-S | UG/G |
| 23.600 | 0.550 | SC-06614-S | UG/G |
| 17.000 | 0.550 | SC-06618-S | UG/G |
| 14.800 | 0.560 | SC-06617-S | UG/G |
| 15.900 | 0.560 | SC-06616-S | UG/G |
| 13.700 | 0.540 | SC-06721-S | UG/G |
| 9.100  | 0.520 | SC-06720-S | UG/G |
| 5.000  | 0.470 | SC-06605-S | UG/G |
| 15.000 | 0.570 | SC-06610-C | UG/G |
| 9.500  | 0.540 | SC-06601-S | UG/G |
| 16.900 | 0.510 | SC-06606-S | UG/G |
| 19.900 | 0.530 | SC-06603-S | UG/G |
| 16.600 | 0.550 | SC-06604-S | UG/G |
| 11.100 | 0.510 | SC-06609-S | UG/G |
| 14.600 | 0.530 | SC-06608-S | UG/G |
| 13.800 | 0.500 | SC-06607-S | UG/G |
| 16.000 | 0.570 | SC-06619-S | UG/G |
| 15.400 | 0.530 | SC-05701-S | UG/G |
| 14.100 | 0.550 | SC-06719-S | UG/G |
| 14.700 | 0.520 | SC-05704-S | UG/G |

CHROMIUM AVERAGE = 14.926 UG/G

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## CU066 DATA REPORT (CONTINUED)

| PARAMETER         | CONC   | DL    | LOCATION   | UNITS |
|-------------------|--------|-------|------------|-------|
| LEAD (27 SAMPLES) |        |       |            |       |
|                   | 14.000 | 0.320 | SC-05701-S | UG/G  |
|                   | 14.800 | 0.310 | SC-05704-S | UG/G  |
|                   | 17.200 | 0.320 | SC-06720-S | UG/G  |
|                   | 12.500 | 0.330 | SC-06721-S | UG/G  |
|                   | 18.600 | 0.340 | SC-06719-S | UG/G  |
|                   | 6.700  | 0.290 | SC-06605-S | UG/G  |
|                   | 18.600 | 0.310 | SC-06602-S | UG/G  |
|                   | 20.000 | 0.320 | SC-06601-C | UG/G  |
|                   | 9.800  | 0.330 | SC-06601-S | UG/G  |
|                   | 12.500 | 0.320 | SC-06603-S | UG/G  |
|                   | 18.400 | 0.330 | SC-06604-S | UG/G  |
|                   | 6.400  | 0.340 | SC-06616-S | UG/G  |
|                   | 12.900 | 0.310 | SC-06609-S | UG/G  |
|                   | 18.000 | 0.320 | SC-06608-S | UG/G  |
|                   | 15.600 | 0.310 | SC-06607-S | UG/G  |
|                   | 31.200 | 0.310 | SC-06612-S | UG/G  |
|                   | 55.400 | 0.330 | SC-06610-S | UG/G  |
|                   | 14.500 | 0.310 | SC-06611-S | UG/G  |
|                   | 13.500 | 0.340 | SC-06610-C | UG/G  |
|                   | 19.300 | 0.310 | SC-06606-S | UG/G  |
|                   | 19.200 | 0.350 | SC-06619-S | UG/G  |
|                   | 9.100  | 0.340 | SC-06618-S | UG/G  |
|                   | 12.100 | 0.340 | SC-06617-S | UG/G  |
|                   | 22.100 | 0.320 | SC-06617-C | UG/G  |
|                   | 13.800 | 0.340 | SC-06615-S | UG/G  |
|                   | 16.300 | 0.340 | SC-06614-S | UG/G  |
|                   | 9.600  | 0.320 | SC-06613-S | UG/G  |

LEAD AVERAGE = 16.744 UG/G

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## CU066 DATA REPORT (CONTINUED)

| PARAMETER | CONC | DL | LOCATION | UNITS |
|-----------|------|----|----------|-------|
|-----------|------|----|----------|-------|

## RADIUM-226 (26 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 2.361 | 0.270 | SC-06615-S | PCI/G |
| 2.633 | 0.290 | SC-06614-S | PCI/G |
| 2.429 | 0.420 | SC-06613-S | PCI/G |
| 2.747 | 0.320 | SC-06611-S | PCI/G |
| 2.429 | 0.270 | SC-06610-S | PCI/G |
| 2.043 | 0.420 | SC-06609-S | PCI/G |
| 2.538 | 0.420 | SC-06608-S | PCI/G |
| 2.406 | 0.420 | SC-06607-S | PCI/G |
| 2.270 | 0.350 | SC-06606-S | PCI/G |
| 2.406 | 0.160 | SC-06605-S | PCI/G |
| 2.225 | 0.260 | SC-06604-S | PCI/G |
| 2.202 | 0.240 | SC-06603-S | PCI/G |
| 2.406 | 0.400 | SC-06602-S | PCI/G |
| 2.270 | 0.400 | SC-06601-S | PCI/G |
| 2.452 | 0.270 | SC-06721-S | PCI/G |
| 2.247 | 0.310 | SC-06720-S | PCI/G |
| 3.791 | 0.340 | SC-05701-S | PCI/G |
| 2.066 | 0.260 | SC-06719-S | PCI/G |
| 2.066 | 0.130 | SC-06618-S | PCI/G |
| 2.270 | 0.250 | SC-06619-S | PCI/G |
| 1.680 | 0.280 | SC-05707-S | PCI/G |
| 2.429 | 0.420 | SC-05705-S | PCI/G |
| 2.157 | 0.350 | SC-05704-S | PCI/G |
| 2.588 | 0.280 | SC-05710-S | PCI/G |
| 2.202 | 0.270 | SC-05718-S | PCI/G |
| 2.088 | 0.350 | SC-05714-S | PCI/G |

RADIUM-226 AVERAGE = 2.354 PCI/G

## RADIUM-228 (26 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 1.590 | 0.640 | SC-06721-S | PCI/G |
| 0.920 | 0.370 | SC-06720-S | PCI/G |
| 1.230 | 0.350 | SC-06719-S | PCI/G |
| 1.280 | 0.340 | SC-05701-S | PCI/G |
| 1.330 | 0.470 | SC-05718-S | PCI/G |
| 1.330 | 0.340 | SC-05714-S | PCI/G |
| 1.280 | 0.510 | SC-05710-S | PCI/G |
| 1.210 | 0.470 | SC-05707-S | PCI/G |
| 1.150 | 0.420 | SC-05705-S | PCI/G |
| 1.140 | 0.720 | SC-05704-S | PCI/G |
| 1.270 | 0.250 | SC-06601-S | PCI/G |
| 0.980 | 0.570 | SC-06602-S | PCI/G |
| 1.110 | 0.390 | SC-06604-S | PCI/G |
| 0.970 | 0.440 | SC-06603-S | PCI/G |
| 0.710 | 0.420 | SC-06605-S | PCI/G |
| 1.120 | 0.480 | SC-06606-S | PCI/G |
| 1.270 | 0.640 | SC-06607-S | PCI/G |
| 1.330 | 0.530 | SC-06608-S | PCI/G |
| 0.550 | 1.100 | SC-06609-S | PCI/G |
| 1.040 | 0.490 | SC-06610-S | PCI/G |
| 1.260 | 0.590 | SC-06611-S | PCI/G |
| 1.270 | 0.330 | SC-06614-S | PCI/G |
| 1.590 | 0.570 | SC-06613-S | PCI/G |
| 1.050 | 0.510 | SC-06615-S | PCI/G |
| 1.290 | 0.350 | SC-06619-S | PCI/G |
| 1.470 | 0.250 | SC-06618-S | PCI/G |

RADIUM-228 AVERAGE = 1.182 PCI/G

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## CU066 DATA REPORT (CONTINUED)

| PARAMETER                | CONC  | DL    | LOCATION   | UNITS |
|--------------------------|-------|-------|------------|-------|
| THORIUM-230 (29 SAMPLES) |       |       |            |       |
|                          | 2.890 | 2.270 | SC-06721-S | PCI/G |
|                          | 2.680 | 2.270 | SC-06720-S | PCI/G |
|                          | 2.670 | 2.270 | SC-06719-S | PCI/G |
|                          | 2.630 | 2.270 | SC-05701-S | PCI/G |
|                          | 2.630 | 2.270 | SC-06601-C | PCI/G |
|                          | 2.520 | 2.270 | SC-06601-S | PCI/G |
|                          | 2.730 | 2.270 | SC-06602-S | PCI/G |
|                          | 2.680 | 2.270 | SC-06603-S | PCI/G |
|                          | 2.760 | 2.270 | SC-06604-S | PCI/G |
|                          | 2.800 | 2.270 | SC-06605-S | PCI/G |
|                          | 2.480 | 2.270 | SC-06606-S | PCI/G |
|                          | 2.780 | 2.270 | SC-06607-S | PCI/G |
|                          | 2.890 | 2.270 | SC-06608-S | PCI/G |
|                          | 2.460 | 2.270 | SC-06609-S | PCI/G |
|                          | 2.630 | 2.270 | SC-06610-C | PCI/G |
|                          | 2.980 | 2.270 | SC-06610-S | PCI/G |
|                          | 3.030 | 2.270 | SC-06612-S | PCI/G |
|                          | 2.830 | 2.270 | SC-06611-S | PCI/G |
|                          | 2.640 | 2.270 | SC-06613-S | PCI/G |
|                          | 2.520 | 2.270 | SC-06614-S | PCI/G |
|                          | 2.480 | 2.270 | SC-06615-S | PCI/G |
|                          | 2.720 | 2.270 | SC-06616-S | PCI/G |
|                          | 2.710 | 2.270 | SC-06617-C | PCI/G |
|                          | 2.870 | 2.270 | SC-06617-S | PCI/G |
|                          | 2.650 | 2.270 | SC-06618-S | PCI/G |
|                          | 2.740 | 2.270 | SC-06619-S | PCI/G |
|                          | 1.140 | 0.036 | SC-05718-S | PCI/G |
|                          | 1.080 | 0.034 | SC-05714-S | PCI/G |
|                          | 1.160 | 0.038 | SC-05704-S | PCI/G |

THORIUM-230 AVERAGE = 2.552 PCI/G

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## CU066 DATA REPORT (CONTINUED)

| PARAMETER                         | CONC  | DL         | LOCATION | UNITS |
|-----------------------------------|-------|------------|----------|-------|
| URANIUM-238 (72 SAMPLES)          |       |            |          |       |
| 2.310                             | 2.910 | SC-06619-S | PCI/G    |       |
| 2.015                             | 4.030 | SC-06618-S | PCI/G    |       |
| 1.650                             | 3.300 | SC-06617-S | PCI/G    |       |
| 1.940                             | 3.880 | SC-06616-S | PCI/G    |       |
| 1.515                             | 3.030 | SC-06615-S | PCI/G    |       |
| 2.220                             | 1.860 | SC-06614-S | PCI/G    |       |
| 1.970                             | 3.940 | SC-06613-S | PCI/G    |       |
| 1.500                             | 3.000 | SC-06612-S | PCI/G    |       |
| 1.900                             | 3.800 | SC-06611-S | PCI/G    |       |
| 1.435                             | 2.870 | SC-06610-S | PCI/G    |       |
| 1.910                             | 3.820 | SC-06609-S | PCI/G    |       |
| 1.900                             | 3.800 | SC-06608-S | PCI/G    |       |
| 2.000                             | 4.000 | SC-06607-S | PCI/G    |       |
| 1.460                             | 2.920 | SC-06606-S | PCI/G    |       |
| 1.370                             | 2.740 | SC-06605-S | PCI/G    |       |
| 1.580                             | 3.160 | SC-06604-S | PCI/G    |       |
| 1.500                             | 3.000 | SC-06603-S | PCI/G    |       |
| 1.900                             | 3.800 | SC-06602-S | PCI/G    |       |
| 1.990                             | 3.980 | SC-06601-S | PCI/G    |       |
| 1.540                             | 3.080 | SC-05701-S | PCI/G    |       |
| 1.490                             | 2.980 | SC-05719-S | PCI/G    |       |
| 1.445                             | 2.890 | SC-05720-S | PCI/G    |       |
| 1.870                             | 3.740 | SC-05721-S | PCI/G    |       |
| 1.415                             | 2.830 | SC-05718-S | PCI/G    |       |
| 1.650                             | 3.300 | SC-05714-S | PCI/G    |       |
| 1.910                             | 3.820 | SC-05704-S | PCI/G    |       |
| 2.095                             | 4.190 | SC-05705-S | PCI/G    |       |
| 1.630                             | 3.150 | SC-05710-S | PCI/G    |       |
| 1.510                             | 3.020 | SC-05707-S | PCI/G    |       |
| URANIUM-238 AVERAGE = 1.814 PCI/G |       |            |          |       |

Confirmation Unit Status Report for Current PAH Results To Date (09/03/96)

| <u>RU</u> | <u>CU</u> | <u># OF SAMPLES</u> | <u># &lt; ALARA</u> | <u>CU &lt; ALARA</u> | <u>AVG. CONC.</u> |
|-----------|-----------|---------------------|---------------------|----------------------|-------------------|
| 1         | 1         | 6                   | 3                   | 0                    | 0.680             |
| 1         | 2         | 2                   | 1                   | 0                    | 1.180             |
| 6         | 21        | 3                   | 3                   | 1                    | 0.380             |
| 6         | 22        | 8                   | 5                   | 0                    | 0.443             |
| 6         | 40        | 6                   | 6                   | 1                    | 0.220             |
| 6         | 42        | 2                   | 2                   | 1                    | 0.017             |
| 6         | 43        | 2                   | 2                   | 1                    | 0.025             |
| 6         | 44        | 5                   | 4                   | 1                    | 0.180             |
| 6         | 33        | 3                   | 1                   | 0                    | 1.320             |
| 6         | 30        | 17                  | 10                  | 0                    | 0.700             |
| 7         | 55        | 18                  | 17                  | 1                    | 0.072             |
| 7         | 69        | 5                   | 5                   | 1                    | 0.120             |
| TOTAL     |           | 77                  | 59                  | 58%                  |                   |

Notes:

- 1) P = Partial release
- 2) Under "CU < ALARA", 0 = Avg. PAH concentration was above ALARA and  
1 = Avg. PAH concentration was below ALARA.

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 08-26-96 3. Review Form #: 96-046  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU067 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☐ Th-232 ☒ Ra-226 ☒ Ra-228  
☐ TNT ☒ PCB ☐ PAH ☒ As ☒ Cr ☒ Pb ☐ Ti

7. Results average below ALARA goal(s)? Lead Avg = 252.116/g ☐ Yes ☒ No  
8. All results below cleanup criteria? ☐ Yes ☒ No  
9. Any results greater than 3X criteria? ☒ Yes ☐ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter   | Size                    | Concentration    | Complies with Plan?   |
|-------------|-------------------------|------------------|---|
| <u>lead</u> | <u>775m<sup>2</sup></u> | <u>5,200µg/g</u> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|             |                         |                  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
|             |                         |                  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
|             |                         |                  | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

11. Reviewer: Melvin H. Lutz Date: 8/26/96

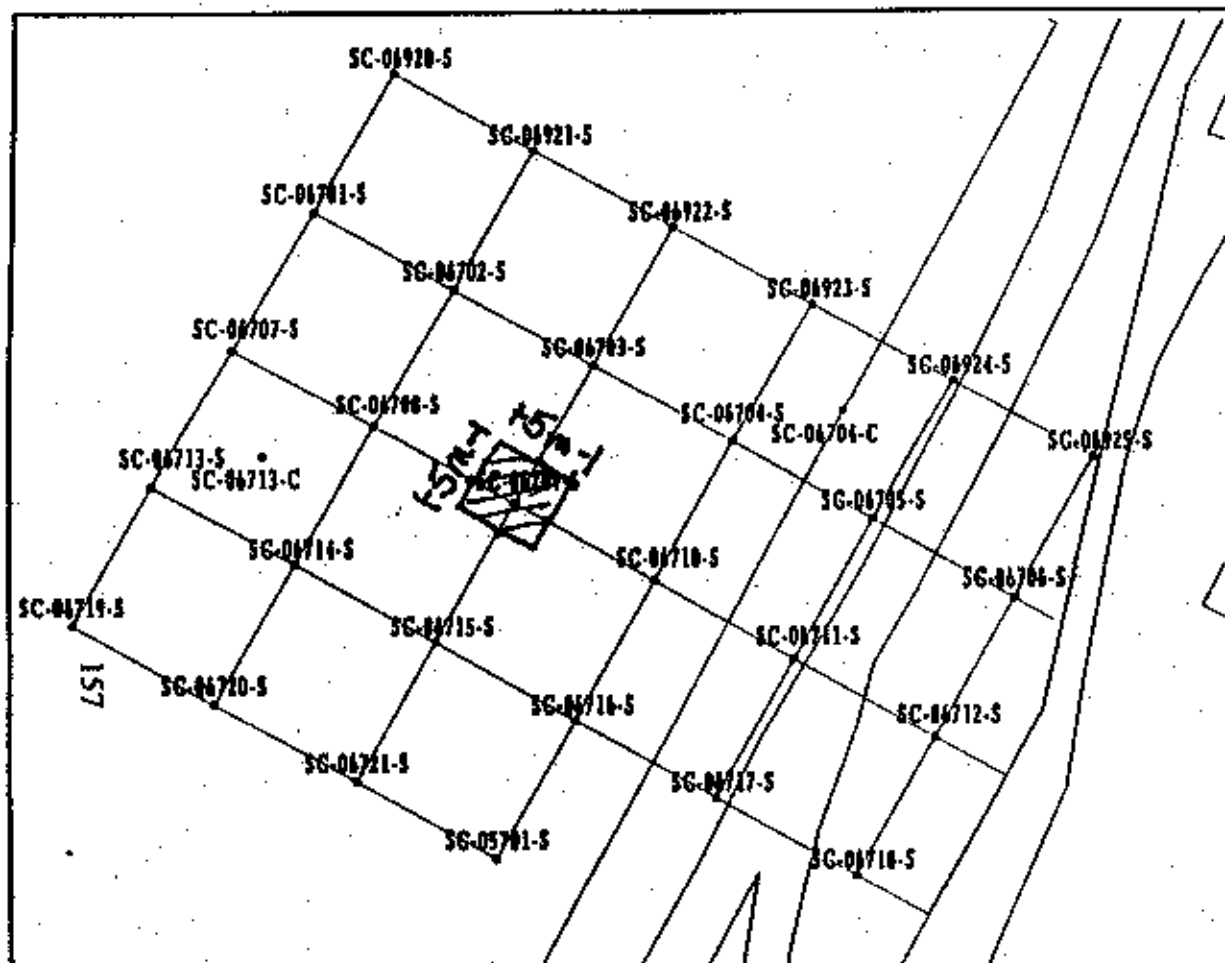
12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☒ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: \_\_\_\_\_ Date: \_\_\_\_\_  
15. DOE Project Manager/Engineer: \_\_\_\_\_ Date: \_\_\_\_\_  
16. Project Manager: \_\_\_\_\_ Date: \_\_\_\_\_  
17. Construction Engineer: \_\_\_\_\_ Date: \_\_\_\_\_

SEE ATTACHED RESULTS AND MAP



Lead Hotspot (5,200µg/g)  
@ SC-06709-S

Sampling reduced the  
area to 5m x 5m (2.5m  
in each direction from  
the location SC-06709-S.  
Excavation Depth 1 ft.

10 0 10 METERS

30 15 0 30 FEET



Review Form #96-046

Sample Locations in Remedial Unit RU007  
Confirmation Unit CU067

Figure B-48

|                           |                                 |
|---------------------------|---------------------------------|
| REPORT NO.: A/CP/130/1295 | REPORT NO.: DOE/OR/21548-590    |
| ORIGINATOR: MGL           | DRAWN BY: WSSRAP GIS DATE: 3/96 |

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## CU067 DATA REPORT

| PARAMETER         | CONC    | DL     | LOCATION   | UNITS |
|-------------------|---------|--------|------------|-------|
| PCBs (22 SAMPLES) |         |        |            |       |
|                   | 0.000   | 41.000 | SC-06923-S | UG/KG |
|                   | 0.000   | 44.000 | SC-06922-S | UG/KG |
|                   | 0.000   | 43.000 | SC-06921-S | UG/KG |
|                   | 42.000  | 38.000 | SC-06920-S | UG/KG |
|                   | 0.000   | 38.000 | SC-06701-S | UG/KG |
|                   | 0.000   | 39.000 | SC-06701-S | UG/KG |
|                   | 0.000   | 39.000 | SC-06702-S | UG/KG |
|                   | 0.000   | 39.000 | SC-06703-S | UG/KG |
|                   | 0.000   | 40.000 | SC-06704-S | UG/KG |
|                   | 0.000   | 40.000 | SC-06704-C | UG/KG |
|                   | 46.000  | 38.000 | SC-06707-S | UG/KG |
|                   | 330.000 | 37.000 | SC-06708-S | UG/KG |
|                   | 0.000   | 40.000 | SC-06710-S | UG/KG |
|                   | 0.000   | 40.000 | SC-06709-S | UG/KG |
|                   | 0.000   | 39.000 | SC-06715-L | UG/KG |
|                   | 0.000   | 38.000 | SC-06713-S | UG/KG |
|                   | 0.000   | 41.000 | SC-06714-S | UG/KG |
|                   | 0.000   | 38.000 | SC-06715-S | UG/KG |
|                   | 0.000   | 38.000 | SC-06716-S | UG/KG |
|                   | 0.000   | 37.000 | SC-06720-S | UG/KG |
|                   | 0.000   | 40.000 | SC-06719-S | UG/KG |
|                   | 0.000   | 39.000 | SC-06721-S | UG/KG |

PCB AVERAGE = 19.00 UG/KG (0.019 MG/KG)

## CU067 DATA REPORT (CONTINUED)

| PARAMETER            | CONC   | DL    | LOCATION   | UNITS |
|----------------------|--------|-------|------------|-------|
| ARSENIC (22 SAMPLES) |        |       |            |       |
|                      | 10.600 | 0.500 | SC-06923-S | UG/G  |
|                      | 25.600 | 0.540 | SC-06922-S | UG/G  |
|                      | 23.100 | 0.520 | SC-06921-S | UG/G  |
|                      | 6.100  | 0.460 | SC-06920-S | UG/G  |
|                      | 16.800 | 0.470 | SC-06701-S | UG/G  |
|                      | 9.400  | 0.460 | SC-06701-S | UG/G  |
|                      | 9.400  | 0.470 | SC-06702-S | UG/G  |
|                      | 13.900 | 0.490 | SC-06704-C | UG/G  |
|                      | 7.700  | 0.470 | SC-06703-S | UG/G  |
|                      | 10.100 | 0.480 | SC-06704-S | UG/G  |
|                      | 7.200  | 0.460 | SC-06707-S | UG/G  |
|                      | 4.400  | 0.450 | SC-06708-S | UG/G  |
|                      | 7.000  | 0.490 | SC-06709-S | UG/G  |
|                      | 7.400  | 0.470 | SC-06713-C | UG/G  |
|                      | 7.300  | 0.480 | SC-06710-S | UG/G  |
|                      | 5.700  | 0.460 | SC-06713-S | UG/G  |
|                      | 11.000 | 0.490 | SC-06714-S | UG/G  |
|                      | 7.000  | 0.450 | SC-06715-S | UG/G  |
|                      | 7.000  | 0.460 | SC-06716-S | UG/G  |
|                      | 8.600  | 0.480 | SC-06719-S | UG/G  |
|                      | 5.600  | 0.450 | SC-06720-S | UG/G  |
|                      | 7.000  | 0.470 | SC-06721-S | UG/G  |

ARSENIC AVERAGE = 9.905 UG/G

## CHROMIUM (22 SAMPLES)

|        |       |            |      |
|--------|-------|------------|------|
| 13.700 | 0.530 | SC-06920-S | UG/G |
| 17.000 | 0.570 | SC-06923-S | UG/G |
| 15.900 | 0.620 | SC-06922-S | UG/G |
| 17.500 | 0.600 | SC-06921-S | UG/G |
| 13.700 | 0.540 | SC-06721-S | UG/G |
| 9.100  | 0.520 | SC-06720-S | UG/G |
| 14.100 | 0.550 | SC-06719-S | UG/G |
| 14.100 | 0.530 | SC-06716-S | UG/G |
| 15.300 | 0.520 | SC-06715-S | UG/G |
| 15.300 | 0.570 | SC-06714-S | UG/G |
| 10.200 | 0.520 | SC-06713-S | UG/G |
| 16.100 | 0.560 | SC-06710-S | UG/G |
| 12.300 | 0.540 | SC-06713-C | UG/G |
| 15.800 | 0.560 | SC-06709-S | UG/G |
| 6.400  | 0.520 | SC-06708-S | UG/G |
| 14.500 | 0.520 | SC-06707-S | UG/G |
| 15.200 | 0.550 | SC-06704-S | UG/G |
| 13.000 | 0.550 | SC-06703-S | UG/G |
| 14.200 | 0.560 | SC-06704-C | UG/G |
| 17.200 | 0.540 | SC-06702-S | UG/G |
| 15.400 | 0.530 | SC-05701-S | UG/G |
| 17.800 | 0.540 | SC-06701-S | UG/G |

CHROMIUM AVERAGE = 14.164 UG/G

## CU067 DATA REPORT (CONTINUED)

| PARAMETER                | CONC      | DL    | LOCATION   | UNITS |
|--------------------------|-----------|-------|------------|-------|
| <b>LEAD (22 SAMPLES)</b> |           |       |            |       |
|                          | 20.600    | 0.350 | SC-06923-S | UG/G  |
|                          | 16.300    | 0.380 | SC-06922-S | UG/G  |
|                          | 18.600    | 0.320 | SC-06920-S | UG/G  |
|                          | 15.600    | 0.370 | SC-06921-S | UG/G  |
|                          | 17.900    | 0.330 | SC-06701-S | UG/G  |
|                          | 14.000    | 0.320 | SC-05701-S | UG/G  |
|                          | 14.400    | 0.330 | SC-06702-S | UG/G  |
|                          | 12.200    | 0.340 | SC-06704-C | UG/G  |
|                          | 19.700    | 0.330 | SC-06703-S | UG/G  |
|                          | 13.900    | 0.340 | SC-06704-S | UG/G  |
|                          | 13.300    | 0.320 | SC-06707-S | UG/G  |
|                          | 23.000    | 0.310 | SC-06708-S | UG/G  |
|                          | 5,200.000 | 0.340 | SC-06709-S | UG/G  |
|                          | 15.000    | 0.340 | SC-06710-S | UG/G  |
|                          | 16.800    | 0.320 | SC-06713-S | UG/G  |
|                          | 18.400    | 0.330 | SC-06713-C | UG/G  |
|                          | 19.700    | 0.340 | SC-06714-S | UG/G  |
|                          | 14.900    | 0.320 | SC-06715-S | UG/G  |
|                          | 13.200    | 0.320 | SC-06716-S | UG/G  |
|                          | 18.600    | 0.340 | SC-06719-S | UG/G  |
|                          | 17.200    | 0.320 | SC-06720-S | UG/G  |
|                          | 12.500    | 0.330 | SC-06721-S | UG/G  |

LEAD AVERAGE = 252.082 UG/G

## RADIUM-226 (6 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 2.066 | 0.260 | SC-06719-S | PCI/G |
| 2.157 | 0.270 | SC-06715-S | PCI/G |
| 2.293 | 0.380 | SC-06714-S | PCI/G |
| 3.791 | 0.340 | SC-05701-S | PCI/G |
| 2.452 | 0.270 | SC-06721-S | PCI/G |
| 2.247 | 0.310 | SC-06720-S | PCI/G |

RADIUM-226 AVERAGE = 2.501 PCI/G

## RADIUM-228 (6 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 1.280 | 0.340 | SC-05701-S | PCI/G |
| 1.220 | 0.610 | SC-06714-S | PCI/G |
| 1.150 | 0.350 | SC-06715-S | PCI/G |
| 1.230 | 0.350 | SC-06719-S | PCI/G |
| 0.920 | 0.370 | SC-06720-S | PCI/G |
| 1.590 | 0.640 | SC-06721-S | PCI/G |

RADIUM-228 AVERAGE = 1.232 PCI/G

## CU067 DATA REPORT (CONTINUED)

| PARAMETER                | CONC  | DL    | LOCATION   | UNITS |
|--------------------------|-------|-------|------------|-------|
| THORIUM-230 (22 SAMPLES) |       |       |            |       |
|                          | 2.830 | 2.270 | SC-06923-S | PCI/G |
|                          | 2.500 | 2.270 | SC-06702-S | PCI/G |
|                          | 2.720 | 2.270 | SC-06701-S | PCI/G |
|                          | 2.780 | 2.270 | SC-06921-S | PCI/G |
|                          | 2.910 | 2.270 | SC-06922-S | PCI/G |
|                          | 2.670 | 2.270 | SC-06920-S | PCI/G |
|                          | 2.890 | 2.270 | SC-06721-S | PCI/G |
|                          | 2.680 | 2.270 | SC-06720-S | PCI/G |
|                          | 2.670 | 2.270 | SC-06719-S | PCI/G |
|                          | 2.420 | 2.270 | SC-06716-S | PCI/G |
|                          | 2.970 | 2.270 | SC-06715-S | PCI/G |
|                          | 2.540 | 2.270 | SC-06714-S | PCI/G |
|                          | 2.720 | 2.270 | SC-06713-S | PCI/G |
|                          | 2.960 | 2.270 | SC-06713-C | PCI/G |
|                          | 2.560 | 2.270 | SC-06710-S | PCI/G |
|                          | 2.770 | 2.270 | SC-06709-S | PCI/G |
|                          | 2.750 | 2.270 | SC-06703-S | PCI/G |
|                          | 2.630 | 2.270 | SC-05701-S | PCI/G |
|                          | 2.660 | 2.270 | SC-06708-S | PCI/G |
|                          | 2.880 | 2.270 | SC-06707-S | PCI/G |
|                          | 2.670 | 2.270 | SC-06704-S | PCI/G |
|                          | 2.800 | 2.270 | SC-06704-C | PCI/G |

THORIUM-230 AVERAGE = 2.731 PCI/G

| PARAMETER                | CONC  | DL    | LOCATION   | UNITS |
|--------------------------|-------|-------|------------|-------|
| URANIUM-238 (28 SAMPLES) |       |       |            |       |
|                          | 1.555 | 3.110 | SC-06701-S | PCI/G |
|                          | 1.960 | 3.920 | SC-06702-S | PCI/G |
|                          | 2.135 | 4.310 | SC-06920-S | PCI/G |
|                          | 1.540 | 3.080 | SC-06921-S | PCI/G |
|                          | 1.865 | 3.730 | SC-06922-S | PCI/G |
|                          | 1.510 | 3.020 | SC-06923-S | PCI/G |
|                          | 1.925 | 3.850 | SC-06924-S | PCI/G |
|                          | 3.220 | 2.420 | SC-06925-S | PCI/G |
|                          | 1.540 | 3.080 | SC-05701-S | PCI/G |
|                          | 1.520 | 3.040 | SC-06703-S | PCI/G |
|                          | 1.955 | 3.910 | SC-06704-S | PCI/G |
|                          | 1.485 | 2.970 | SC-06705-S | PCI/G |
|                          | 1.970 | 3.940 | SC-06706-S | PCI/G |
|                          | 1.000 | 3.800 | SC-06707-S | PCI/G |
|                          | 1.895 | 3.790 | SC-06708-S | PCI/G |
|                          | 1.465 | 2.930 | SC-06709-S | PCI/G |
|                          | 1.500 | 3.000 | SC-06710-S | PCI/G |
|                          | 1.885 | 3.770 | SC-06711-S | PCI/G |
|                          | 1.840 | 3.680 | SC-06712-S | PCI/G |
|                          | 1.410 | 2.820 | SC-06713-S | PCI/G |
|                          | 2.060 | 4.120 | SC-06714-S | PCI/G |
|                          | 1.525 | 3.050 | SC-06715-S | PCI/G |
|                          | 2.190 | 4.380 | SC-06716-S | PCI/G |
|                          | 2.020 | 4.040 | SC-06717-S | PCI/G |
|                          | 2.115 | 4.230 | SC-06718-S | PCI/G |
|                          | 1.490 | 2.980 | SC-06719-S | PCI/G |
|                          | 1.445 | 2.890 | SC-06720-S | PCI/G |
|                          | 1.870 | 3.740 | SC-06721-S | PCI/G |

URANIUM-238 AVERAGE = 1.815 PCI/G

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 09/12/96 3. Review Form #: 96-0460  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU067 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☐ Th-232 ☒ Ra-226 ☒ Ra-228  
☐ TNT ☒ PCB ☐ PAH ☒ As ☒ Cr ☒ Pb ☐ TI

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter  | Size | Concentration | Complies with Plan?                                      |
|------------|------|---------------|--|
| <i>N/A</i> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: Mel A. Lutz Date: 09/12/96

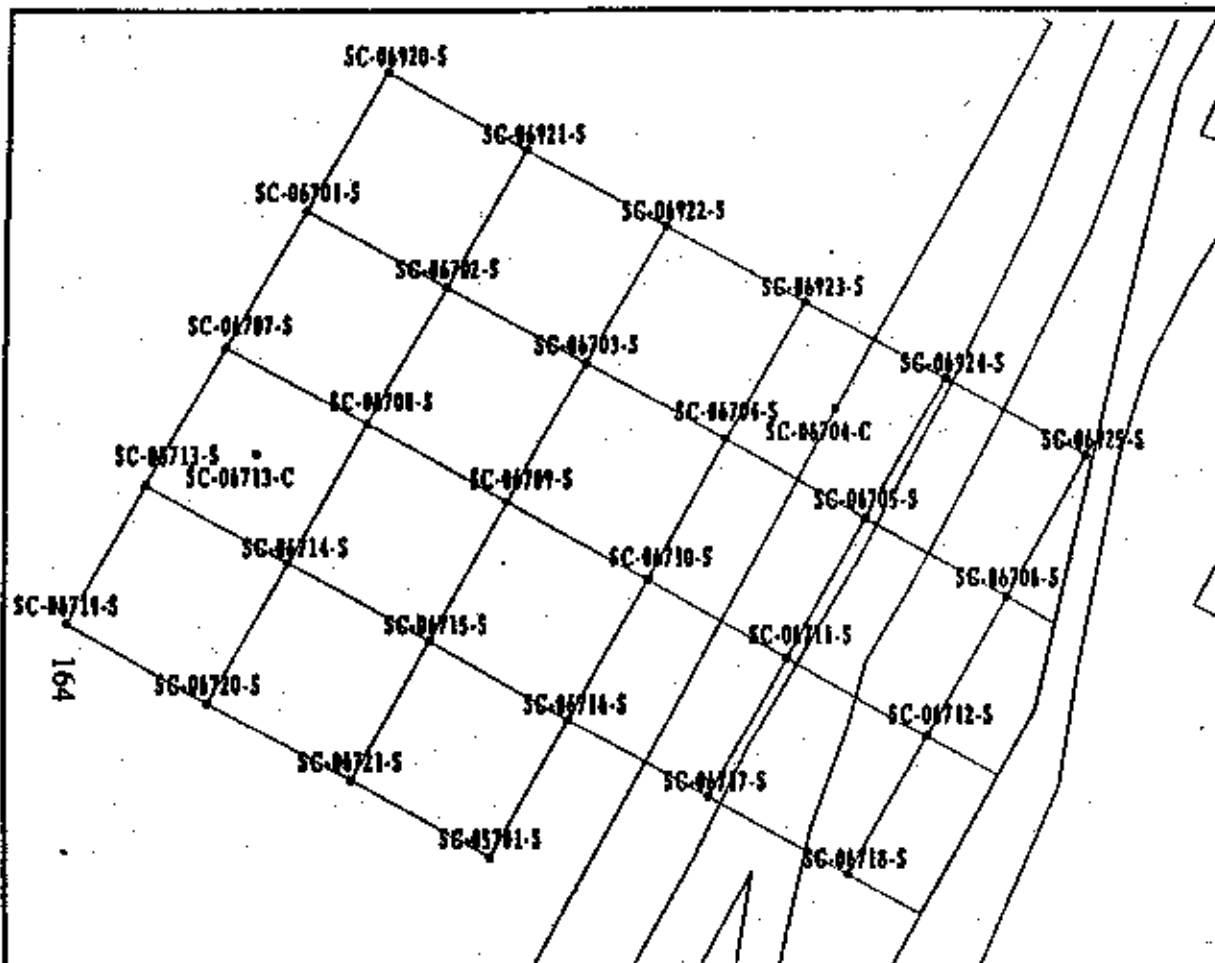
12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: [Signature] Date: 9/12/96  
15. DOE Project Manager/Engineer: [Signature] Date: 9/12/96  
16. Project Manager: [Signature] Date: 7/12/96  
17. Construction Engineer: [Signature] Date: 9/12/96

SEE ATTACHED RESULTS AND MAP



Review Form # 96-046a

Sample Locations in Remedial Unit RU007  
Confirmation Unit CU067

Figure B-48

|                            |                                 |
|----------------------------|---------------------------------|
| EXHIBIT NO.: AICP/130/1295 | REPORT NO.: DOE/OR/21548-590    |
| ORIGINATOR: MGL            | DRAWN BY: WSSRAP GIS DATE: 3/96 |

09/12/96

PAGE 1

## CU067 DATA REPORT

| PARAMETER         | CONC    | DL     | LOCATION   | UNITS |
|-------------------|---------|--------|------------|-------|
| PCBs (22 SAMPLES) |         |        |            |       |
|                   | 0.000   | 41.000 | SC-06923-S | UG/KG |
|                   | 0.000   | 44.000 | SC-06922-S | UG/KG |
|                   | 0.000   | 43.000 | SC-06921-S | UG/KG |
|                   | 42.000  | 38.000 | SC-06920-S | UG/KG |
|                   | 0.000   | 38.000 | SC-06701-S | UG/KG |
|                   | 0.000   | 39.000 | SC-06701-S | UG/KG |
|                   | 0.000   | 39.000 | SC-06702-S | UG/KG |
|                   | 0.000   | 39.000 | SC-06703-S | UG/KG |
|                   | 0.000   | 40.000 | SC-06704-S | UG/KG |
|                   | 0.000   | 40.000 | SC-06704-C | UG/KG |
|                   | 46.000  | 38.000 | SC-06707-S | UG/KG |
|                   | 330.000 | 37.000 | SC-06708-S | UG/KG |
|                   | 0.000   | 40.000 | SC-06710-S | UG/KG |
|                   | 0.000   | 40.000 | SC-06709-S | UG/KG |
|                   | 0.000   | 39.000 | SC-06713-C | UG/KG |
|                   | 0.000   | 38.000 | SC-06713-S | UG/KG |
|                   | 0.000   | 41.000 | SC-06714-S | UG/KG |
|                   | 0.000   | 38.000 | SC-06715-S | UG/KG |
|                   | 0.000   | 38.000 | SC-06716-S | UG/KG |
|                   | 0.000   | 37.000 | SC-06720-S | UG/KG |
|                   | 0.000   | 40.000 | SC-06719-S | UG/KG |
|                   | 0.000   | 39.000 | SC-06721-S | UG/KG |

PCB AVERAGE = 19.00 UG/KG (0.019 MG/KG)

## CU067 DATA REPORT (CONTINUED)

| PARAMETER            | CONC   | DL    | LOCATION   | UNITS |
|----------------------|--------|-------|------------|-------|
| ARSENIC (22 SAMPLES) |        |       |            |       |
|                      | 10.600 | 0.500 | SC-06923-S | UG/G  |
|                      | 23.600 | 0.540 | SC-06922-S | UG/G  |
|                      | 23.100 | 0.520 | SC-06921-S | UG/G  |
|                      | 6.100  | 0.460 | SC-06920-S | UG/G  |
|                      | 16.800 | 0.470 | SC-06701-S | UG/G  |
|                      | 9.400  | 0.460 | SC-05701-S | UG/G  |
|                      | 9.400  | 0.470 | SC-06702-S | UG/G  |
|                      | 13.900 | 0.490 | SC-06704-C | UG/G  |
|                      | 7.700  | 0.470 | SC-06703-S | UG/G  |
|                      | 10.100 | 0.480 | SC-06704-S | UG/G  |
|                      | 7.200  | 0.460 | SC-06707-S | UG/G  |
|                      | 4.400  | 0.450 | SC-06708-S | UG/G  |
|                      | 7.000  | 0.490 | SC-06709-S | UG/G  |
|                      | 7.400  | 0.470 | SC-06713-C | UG/G  |
|                      | 7.300  | 0.480 | SC-06710-S | UG/G  |
|                      | 5.700  | 0.460 | SC-06713-S | UG/G  |
|                      | 11.000 | 0.490 | SC-06714-S | UG/G  |
|                      | 7.000  | 0.450 | SC-06715-S | UG/G  |
|                      | 7.000  | 0.460 | SC-06716-S | UG/G  |
|                      | 8.600  | 0.480 | SC-06719-S | UG/G  |
|                      | 5.600  | 0.450 | SC-06720-S | UG/G  |
|                      | 7.000  | 0.470 | SC-06721-S | UG/G  |

ARSENIC AVERAGE = 9.905 UG/G

## CHROMIUM (22 SAMPLES)

|        |       |            |      |
|--------|-------|------------|------|
| 13.700 | 0.530 | SC-06920-S | UG/G |
| 17.000 | 0.570 | SC-06923-S | UG/G |
| 15.900 | 0.620 | SC-06922-S | UG/G |
| 17.500 | 0.600 | SC-06921-S | UG/G |
| 13.700 | 0.540 | SC-06721-S | UG/G |
| 9.100  | 0.520 | SC-06720-S | UG/G |
| 14.100 | 0.550 | SC-06719-S | UG/G |
| 14.100 | 0.530 | SC-06716-S | UG/G |
| 15.300 | 0.520 | SC-06715-S | UG/G |
| 15.300 | 0.570 | SC-06714-S | UG/G |
| 10.200 | 0.520 | SC-06713-S | UG/G |
| 16.100 | 0.560 | SC-06710-S | UG/G |
| 12.300 | 0.540 | SC-06713-C | UG/G |
| 15.800 | 0.560 | SC-06709-S | UG/G |
| 6.400  | 0.520 | SC-06708-S | UG/G |
| 14.500 | 0.520 | SC-06707-S | UG/G |
| 15.200 | 0.550 | SC-06704-S | UG/G |
| 13.000 | 0.550 | SC-06703-S | UG/G |
| 14.200 | 0.560 | SC-06704-C | UG/G |
| 17.200 | 0.540 | SC-06702-S | UG/G |
| 15.400 | 0.530 | SC-05701-S | UG/G |
| 17.800 | 0.540 | SC-06701-S | UG/G |

CHROMIUM AVERAGE = 14.264 UG/G

## CU067 DATA REPORT (CONTINUED)

| PARAMETER         | CONC   | DL    | LOCATION        | UNITS |
|-------------------|--------|-------|-----------------|-------|
| LEAD (26 SAMPLES) |        |       |                 |       |
|                   | 20.600 | 0.350 | SC-06923-S      | UG/G  |
|                   | 16.300 | 0.380 | SC-06922-S      | UG/G  |
|                   | 18.600 | 0.320 | SC-06920-S      | UG/G  |
|                   | 15.600 | 0.370 | SC-06921-S      | UG/G  |
|                   | 17.900 | 0.330 | SC-06701-S      | UG/G  |
|                   | 14.000 | 0.320 | SC-05701-S      | UG/G  |
|                   | 14.400 | 0.330 | SC-06702-S      | UG/G  |
|                   | 12.200 | 0.340 | SC-06704-C      | UG/G  |
|                   | 19.700 | 0.330 | SC-06703-S      | UG/G  |
|                   | 13.900 | 0.340 | SC-06704-S      | UG/G  |
|                   | 13.300 | 0.320 | SC-06707-S      | UG/G  |
|                   | 23.000 | 0.310 | SC-06708-S      | UG/G  |
|                   | 15.100 | 0.320 | SC-06709-S-RS01 | UG/G  |
|                   | 18.900 | 0.300 | SC-06709-S-RS02 | UG/G  |
|                   | 68.700 | 0.300 | SC-06709-S-RS03 | UG/G  |
|                   | 20.300 | 0.300 | SC-06709-S-RS04 | UG/G  |
|                   | 21.400 | 0.290 | SC-06709-S-RS05 | UG/G  |
|                   | 15.000 | 0.340 | SC-06710-S      | UG/G  |
|                   | 16.800 | 0.320 | SC-06713-S      | UG/G  |
|                   | 18.400 | 0.330 | SC-06713-C      | UG/G  |
|                   | 19.700 | 0.340 | SC-06714-S      | UG/G  |
|                   | 14.900 | 0.320 | SC-06715-S      | UG/G  |
|                   | 13.200 | 0.320 | SC-06716-S      | UG/G  |
|                   | 18.600 | 0.340 | SC-06719-S      | UG/G  |
|                   | 17.200 | 0.320 | SC-06720-S      | UG/G  |
|                   | 12.500 | 0.330 | SC-06721-S      | UG/G  |

LEAD AVERAGE = 18.854 UG/G

## RADIUM-226 (6 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 2.066 | 0.260 | SC-06719-S | PCU/G |
| 2.157 | 0.270 | SC-06715-S | PCU/G |
| 2.293 | 0.380 | SC-06714-S | PCU/G |
| 3.791 | 0.340 | SC-05701-S | PCU/G |
| 2.452 | 0.270 | SC-06721-S | PCU/G |
| 2.247 | 0.310 | SC-06720-S | PCU/G |

RADIUM-226 AVERAGE = 2.501 PCU/G

## RADIUM-228 (6 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 1.280 | 0.340 | SC-05701-S | PCU/G |
| 1.220 | 0.610 | SC-06714-S | PCU/G |
| 1.150 | 0.350 | SC-06715-S | PCU/G |
| 1.230 | 0.350 | SC-06719-S | PCU/G |
| 0.920 | 0.370 | SC-06720-S | PCU/G |
| 1.590 | 0.640 | SC-06721-S | PCU/G |

RADIUM-228 AVERAGE = 1.232 PCU/G

## CU067 DATA REPORT (CONTINUED)

| PARAMETER                | CONC  | DL    | LOCATION   | UNITS |
|--------------------------|-------|-------|------------|-------|
| THORIUM-230 (22 SAMPLES) |       |       |            |       |
|                          | 2.830 | 2.270 | SC-06923-S | PCI/G |
|                          | 2.500 | 2.270 | SC-06702-S | PCI/G |
|                          | 2.720 | 2.270 | SC-06701-S | PCI/G |
|                          | 2.780 | 2.270 | SC-06921-S | PCI/G |
|                          | 2.910 | 2.270 | SC-06922-S | PCI/G |
|                          | 2.670 | 2.270 | SC-06920-S | PCI/G |
|                          | 2.890 | 2.270 | SC-06721-S | PCI/G |
|                          | 2.680 | 2.270 | SC-06720-S | PCI/G |
|                          | 2.670 | 2.270 | SC-06719-S | PCI/G |
|                          | 2.420 | 2.270 | SC-06716-S | PCI/G |
|                          | 2.970 | 2.270 | SC-06715-S | PCI/G |
|                          | 2.540 | 2.270 | SC-06714-S | PCI/G |
|                          | 2.720 | 2.270 | SC-06713-S | PCI/G |
|                          | 2.960 | 2.270 | SC-06713-C | PCI/G |
|                          | 2.660 | 2.270 | SC-06710-S | PCI/G |
|                          | 2.770 | 2.270 | SC-06709-S | PCI/G |
|                          | 2.750 | 2.270 | SC-06703-S | PCI/G |
|                          | 2.630 | 2.270 | SC-05701-S | PCI/G |
|                          | 2.660 | 2.270 | SC-06708-S | PCI/G |
|                          | 2.880 | 2.270 | SC-06707-S | PCI/G |
|                          | 2.670 | 2.270 | SC-06704-S | PCI/G |
|                          | 2.800 | 2.270 | SC-06704-C | PCI/G |

THORIUM-230 AVERAGE = 2.731 PCI/G

## URANIUM-238 (28 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 1.555 | 3.110 | SC-06701-S | PCI/G |
| 1.960 | 3.920 | SC-06702-S | PCI/G |
| 2.155 | 4.310 | SC-06920-S | PCI/G |
| 1.540 | 3.080 | SC-06921-S | PCI/G |
| 1.865 | 3.730 | SC-06922-S | PCI/G |
| 1.510 | 3.020 | SC-06923-S | PCI/G |
| 1.925 | 3.850 | SC-06924-S | PCI/G |
| 3.220 | 2.420 | SC-06925-S | PCI/G |
| 1.540 | 3.080 | SC-05701-S | PCI/G |
| 1.520 | 3.040 | SC-06703-S | PCI/G |
| 1.955 | 3.910 | SC-06704-S | PCI/G |
| 1.485 | 2.970 | SC-06705-S | PCI/G |
| 1.970 | 3.940 | SC-06706-S | PCI/G |
| 1.900 | 3.800 | SC-06707-S | PCI/G |
| 1.895 | 3.790 | SC-06708-S | PCI/G |
| 1.465 | 2.950 | SC-06709-S | PCI/G |
| 1.500 | 3.000 | SC-06710-S | PCI/G |
| 1.885 | 3.770 | SC-06711-S | PCI/G |
| 1.840 | 3.680 | SC-06712-S | PCI/G |
| 1.410 | 2.820 | SC-06713-S | PCI/G |
| 2.060 | 4.120 | SC-06714-S | PCI/G |
| 1.525 | 3.050 | SC-06715-S | PCI/G |
| 2.190 | 4.380 | SC-06716-S | PCI/G |
| 2.020 | 4.040 | SC-06717-S | PCI/G |
| 2.115 | 4.230 | SC-06718-S | PCI/G |
| 1.490 | 2.980 | SC-06719-S | PCI/G |
| 1.445 | 2.890 | SC-06720-S | PCI/G |
| 1.870 | 3.740 | SC-06721-S | PCI/G |

URANIUM-238 AVERAGE = 1.815 PCI/G

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP470 2. Date: 08-30-96 3. Review Form #: 96-052  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU0108 (map attached)  
6. Contaminants of Concern: X U-238 X Th-230    Th-232 X Ra-226 X Ra-228  
   TNT X PCB    PAH X As X Cr X Pb    Ti

7. Results average below ALARA goal(s)? X Yes    No  
8. All results below cleanup criteria? X Yes    No  
9. Any results greater than 3X criteria?    Yes X No  
10. Hotspots present (less than 3X criteria)?    Yes X No

| Parameter | Size | Concentration | Complies with Plan?        |
|-----------|------|---------------|----------------------------|
| N/A       |      |               | <u>  </u> Yes <u>  </u> No |
|           |      |               | <u>  </u> Yes <u>  </u> No |
|           |      |               | <u>  </u> Yes <u>  </u> No |
|           |      |               | <u>  </u> Yes <u>  </u> No |

11. Reviewer: Melvin H. Smith Date: 08/30/96

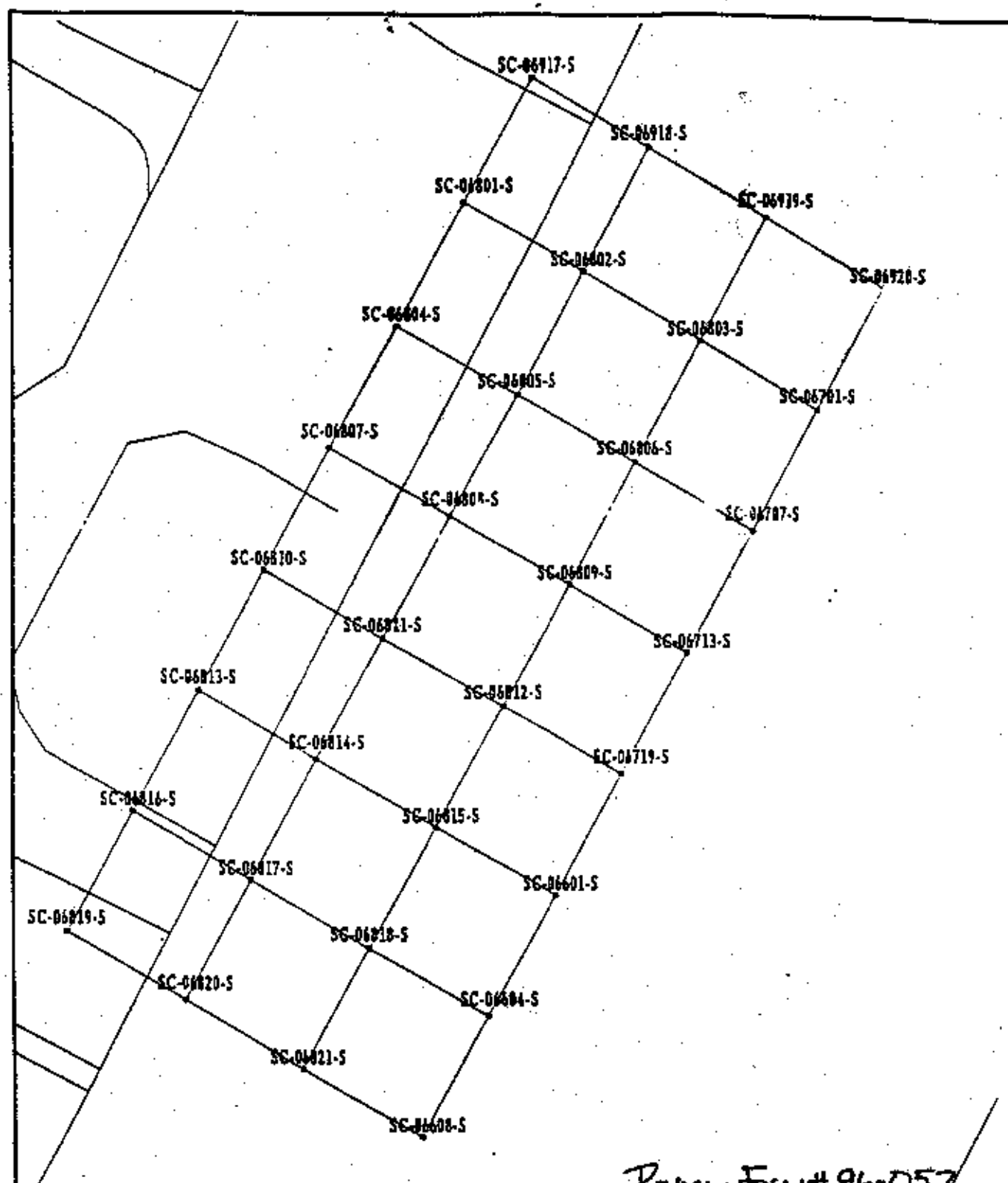
12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)  
   Additional Excavation Required (Section IV)  
   ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: Steve D. Miller FORKAM Date: 8/30/96  
15. DOE Project Manager/Engineer: Jerry R. Van Fossen Date: 8/30/96  
16. Project Manager: [Signature] Date: 8/30/96  
17. Construction Engineer: Danell X. Capper Date: 8/30/96

SEE ATTACHED RESULTS AND MAP



Review Form # 96-052

Sample Locations in Remedial Unit RU007  
Confirmation Unit CU068

Figure B-49

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EXHIBIT NO.: A/CP/131/1295 REPORT NO.: DOE/OR/21548-590

ORIGINATOR: MCI DRAWN BY: MCDAD CTS DATE: 2/04

08/30/96

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## CU068 DATA REPORT

| PARAMETER                               | CONC    | DL     | LOCATION   | UNITS |
|---|---------|--------|------------|-------|
| PCBs (32 SAMPLES)                       |         |        |            |       |
|   | 0.000   | 40.000 | SC-06719-S | UG/KG |
|   | 0.000   | 38.000 | SC-06713-S | UG/KG |
|   | 46.000  | 38.000 | SC-06707-S | UG/KG |
|   | 0.000   | 39.000 | SC-06701-S | UG/KG |
|   | 0.000   | 37.000 | SC-06821-S | UG/KG |
|   | 56.000  | 38.000 | SC-06820-S | UG/KG |
|   | 0.000   | 40.000 | SC-06819-S | UG/KG |
|   | 0.000   | 38.000 | SC-06818-S | UG/KG |
|   | 96.000  | 39.000 | SC-06816-S | UG/KG |
|   | 71.000  | 37.000 | SC-06817-S | UG/KG |
|   | 0.000   | 38.000 | SC-06815-S | UG/KG |
|   | 210.000 | 35.000 | SC-06814-S | UG/KG |
|   | 42.000  | 39.000 | SC-06813-S | UG/KG |
|   | 140.000 | 37.000 | SC-06812-S | UG/KG |
|   | 0.000   | 40.000 | SC-06811-S | UG/KG |
|   | 0.000   | 39.000 | SC-06810-S | UG/KG |
|   | 0.000   | 38.000 | SC-06809-S | UG/KG |
|   | 0.000   | 40.000 | SC-06808-S | UG/KG |
|   | 0.000   | 38.000 | SC-06807-S | UG/KG |
|   | 0.000   | 39.000 | SC-06805-S | UG/KG |
|   | 0.000   | 41.000 | SC-06806-S | UG/KG |
|   | 0.000   | 42.000 | SC-06804-S | UG/KG |
|   | 0.000   | 39.000 | SC-06803-S | UG/KG |
|   | 0.000   | 36.000 | SC-06802-S | UG/KG |
|   | 0.000   | 41.000 | SC-06801-S | UG/KG |
|   | 0.000   | 39.000 | SC-06601-S | UG/KG |
|   | 0.000   | 40.000 | SC-06604-S | UG/KG |
|   | 0.000   | 38.000 | SC-06608-S | UG/KG |
|   | 42.000  | 38.000 | SC-06920-S | UG/KG |
|   | 0.000   | 40.000 | SC-06919-S | UG/KG |
|   | 0.000   | 42.000 | SC-06918-S | UG/KG |
|   | 41.000  | 39.000 | SC-06917-S | UG/KG |
| PCB AVERAGE = 23.25 UG/KG (0.023 MG/KG) |         |        |            |       |

## CU068 DATA REPORT (CONTINUED)

| PARAMETER            | CONC   | DL    | LOCATION   | UNITS |
|----------------------|--------|-------|------------|-------|
| ARSENIC (32 SAMPLES) |        |       |            |       |
|                      | 16.800 | 0.470 | SC-06701-S | UG/G  |
|                      | 7.200  | 0.460 | SC-06707-S | UG/G  |
|                      | 5.700  | 0.460 | SC-06713-S | UG/G  |
|                      | 8.600  | 0.480 | SC-06719-S | UG/G  |
|                      | 7.300  | 0.440 | SC-06802-S | UG/G  |
|                      | 20.600 | 0.500 | SC-06801-S | UG/G  |
|                      | 5.600  | 0.470 | SC-06803-S | UG/G  |
|                      | 11.500 | 0.470 | SC-06805-S | UG/G  |
|                      | 11.000 | 0.510 | SC-06804-S | UG/G  |
|                      | 9.500  | 0.490 | SC-06806-S | UG/G  |
|                      | 8.200  | 0.460 | SC-06807-S | UG/G  |
|                      | 5.200  | 0.480 | SC-06808-S | UG/G  |
|                      | 12.800 | 0.460 | SC-06809-S | UG/G  |
|                      | 15.600 | 0.480 | SC-06810-S | UG/G  |
|                      | 7.900  | 0.450 | SC-06812-S | UG/G  |
|                      | 20.600 | 0.490 | SC-06811-S | UG/G  |
|                      | 13.100 | 0.470 | SC-06813-S | UG/G  |
|                      | 9.000  | 0.430 | SC-06814-S | UG/G  |
|                      | 18.900 | 0.450 | SC-06815-S | UG/G  |
|                      | 6.800  | 0.480 | SC-06816-S | UG/G  |
|                      | 8.700  | 0.440 | SC-06817-S | UG/G  |
|                      | 13.900 | 0.480 | SC-06819-S | UG/G  |
|                      | 5.100  | 0.470 | SC-06818-S | UG/G  |
|                      | 7.300  | 0.460 | SC-06820-S | UG/G  |
|                      | 7.800  | 0.440 | SC-06821-S | UG/G  |
|                      | 9.900  | 0.460 | SC-06608-S | UG/G  |
|                      | 9.900  | 0.480 | SC-06604-S | UG/G  |
|                      | 4.900  | 0.470 | SC-06601-S | UG/G  |
|                      | 8.500  | 0.470 | SC-06917-S | UG/G  |
|                      | 9.800  | 0.500 | SC-06918-S | UG/G  |
|                      | 6.100  | 0.460 | SC-06920-S | UG/G  |
|                      | 13.300 | 0.490 | SC-06919-S | UG/G  |

ARSENIC AVERAGE = 10.222 UG/G

## CU068 DATA REPORT (CONTINUED)

| PARAMETER                      | CONC   | DL    | LOCATION   | UNITS |
|--------------------------------|--------|-------|------------|-------|
| CHROMIUM (32 SAMPLES)          |        |       |            |       |
|                                | 13.300 | 0.510 | SC-06821-S | UG/G  |
|                                | 14.900 | 0.530 | SC-06820-S | UG/G  |
|                                | 9.300  | 0.540 | SC-06818-S | UG/G  |
|                                | 17.000 | 0.560 | SC-06819-S | UG/G  |
|                                | 14.000 | 0.510 | SC-06817-S | UG/G  |
|                                | 21.500 | 0.550 | SC-06816-S | UG/G  |
|                                | 15.000 | 0.520 | SC-06815-S | UG/G  |
|                                | 12.100 | 0.490 | SC-06814-S | UG/G  |
|                                | 14.100 | 0.540 | SC-06813-S | UG/G  |
|                                | 17.100 | 0.560 | SC-06811-S | UG/G  |
|                                | 12.400 | 0.520 | SC-06812-S | UG/G  |
|                                | 14.700 | 0.550 | SC-06810-S | UG/G  |
|                                | 20.700 | 0.530 | SC-06809-S | UG/G  |
|                                | 17.400 | 0.560 | SC-06808-S | UG/G  |
|                                | 18.000 | 0.520 | SC-06807-S | UG/G  |
|                                | 17.300 | 0.560 | SC-06806-S | UG/G  |
|                                | 22.100 | 0.580 | SC-06804-S | UG/G  |
|                                | 18.800 | 0.550 | SC-06805-S | UG/G  |
|                                | 9.400  | 0.540 | SC-06803-S | UG/G  |
|                                | 20.000 | 0.570 | SC-06801-S | UG/G  |
|                                | 14.900 | 0.500 | SC-06802-S | UG/G  |
|                                | 10.200 | 0.520 | SC-06713-S | UG/G  |
|                                | 9.500  | 0.540 | SC-06601-S | UG/G  |
|                                | 16.600 | 0.550 | SC-06604-S | UG/G  |
|                                | 14.600 | 0.530 | SC-06608-S | UG/G  |
|                                | 14.500 | 0.520 | SC-06707-S | UG/G  |
|                                | 17.800 | 0.540 | SC-06701-S | UG/G  |
|                                | 13.700 | 0.530 | SC-06920-S | UG/G  |
|                                | 22.000 | 0.580 | SC-06918-S | UG/G  |
|                                | 12.700 | 0.540 | SC-06917-S | UG/G  |
|                                | 14.100 | 0.550 | SC-06719-S | UG/G  |
|                                | 15.400 | 0.560 | SC-06919-S | UG/G  |
| CHROMIUM AVERAGE = 15.472 UG/G |        |       |            |       |

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## CU068 DATA REPORT (CONTINUED)

| PARAMETER         | CONC   | DL    | LOCATION   | UNITS |
|-------------------|--------|-------|------------|-------|
| LEAD (32 SAMPLES) |        |       |            |       |
|                   | 17.900 | 0.330 | SC-06701-S | UG/G  |
|                   | 13.300 | 0.320 | SC-06707-S | UG/G  |
|                   | 16.800 | 0.320 | SC-06713-S | UG/G  |
|                   | 18.600 | 0.340 | SC-06719-S | UG/G  |
|                   | 14.100 | 0.310 | SC-06802-S | UG/G  |
|                   | 25.100 | 0.350 | SC-06801-S | UG/G  |
|                   | 12.400 | 0.330 | SC-06803-S | UG/G  |
|                   | 14.300 | 0.330 | SC-06805-S | UG/G  |
|                   | 18.200 | 0.350 | SC-06804-S | UG/G  |
|                   | 18.000 | 0.340 | SC-06806-S | UG/G  |
|                   | 18.500 | 0.320 | SC-06807-S | UG/G  |
|                   | 11.500 | 0.340 | SC-06808-S | UG/G  |
|                   | 17.000 | 0.320 | SC-06809-S | UG/G  |
|                   | 14.400 | 0.330 | SC-06810-S | UG/G  |
|                   | 20.800 | 0.340 | SC-06811-S | UG/G  |
|                   | 34.600 | 0.330 | SC-06813-S | UG/G  |
|                   | 20.800 | 0.320 | SC-06812-S | UG/G  |
|                   | 26.500 | 0.300 | SC-06814-S | UG/G  |
|                   | 23.300 | 0.320 | SC-06815-S | UG/G  |
|                   | 17.200 | 0.330 | SC-06816-S | UG/G  |
|                   | 21.200 | 0.310 | SC-06817-S | UG/G  |
|                   | 13.500 | 0.340 | SC-06819-S | UG/G  |
|                   | 13.400 | 0.330 | SC-06818-S | UG/G  |
|                   | 13.700 | 0.320 | SC-06820-S | UG/G  |
|                   | 15.700 | 0.310 | SC-06821-S | UG/G  |
|                   | 9.800  | 0.330 | SC-06601-S | UG/G  |
|                   | 17.000 | 0.330 | SC-06917-S | UG/G  |
|                   | 14.900 | 0.350 | SC-06918-S | UG/G  |
|                   | 16.400 | 0.340 | SC-06919-S | UG/G  |
|                   | 18.600 | 0.320 | SC-06920-S | UG/G  |
|                   | 18.400 | 0.330 | SC-06604-S | UG/G  |
|                   | 18.000 | 0.320 | SC-06608-S | UG/G  |

LEAD AVERAGE = 17.622 UG/G

## RADIUM-226 (4 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 2.338 | 0.420 | SC-06608-S | PCI/G |
| 2.225 | 0.260 | SC-06604-S | PCI/G |
| 2.270 | 0.400 | SC-06601-S | PCI/G |
| 2.066 | 0.260 | SC-06719-S | PCI/G |

RADIUM-226 AVERAGE = 2.225 PCI/G

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## CU068 DATA REPORT (CONTINUED)

| PARAMETER                         | CONC  | DL    | LOCATION   | UNITS |
|-----------------------------------|-------|-------|------------|-------|
| RADIUM-228 (4 SAMPLES)            |       |       |            |       |
|                                   | 1.230 | 0.350 | SC-06719-S | PCI/G |
|                                   | 1.270 | 0.250 | SC-06601-S | PCI/G |
|                                   | 1.110 | 0.390 | SC-06604-S | PCI/G |
|                                   | 1.330 | 0.530 | SC-06608-S | PCI/G |
| RADIUM-228 AVERAGE = 1.235 PCI/G  |       |       |            |       |
| THORIUM-230 (32 SAMPLES)          |       |       |            |       |
|                                   | 2.670 | 2.270 | SC-06719-S | PCI/G |
|                                   | 2.720 | 2.270 | SC-06713-S | PCI/G |
|                                   | 2.880 | 2.270 | SC-06707-S | PCI/G |
|                                   | 1.060 | 0.064 | SC-06820-S | PCI/G |
|                                   | 0.980 | 0.045 | SC-06818-S | PCI/G |
|                                   | 1.250 | 0.078 | SC-06819-S | PCI/G |
|                                   | 1.370 | 0.051 | SC-06813-S | PCI/G |
|                                   | 1.420 | 0.045 | SC-06814-S | PCI/G |
|                                   | 1.420 | 0.047 | SC-06815-S | PCI/G |
|                                   | 1.770 | 0.061 | SC-06816-S | PCI/G |
|                                   | 1.300 | 0.032 | SC-06817-S | PCI/G |
|                                   | 1.150 | 0.059 | SC-06821-S | PCI/G |
|                                   | 1.220 | 0.043 | SC-06806-S | PCI/G |
|                                   | 1.470 | 0.078 | SC-06807-S | PCI/G |
|                                   | 1.010 | 0.041 | SC-06808-S | PCI/G |
|                                   | 1.440 | 0.044 | SC-06809-S | PCI/G |
|                                   | 1.270 | 0.031 | SC-06810-S | PCI/G |
|                                   | 1.480 | 0.035 | SC-06811-S | PCI/G |
|                                   | 0.980 | 0.066 | SC-06812-S | PCI/G |
|                                   | 1.070 | 0.035 | SC-06802-S | PCI/G |
|                                   | 0.880 | 0.039 | SC-06803-S | PCI/G |
|                                   | 1.500 | 0.060 | SC-06804-S | PCI/G |
|                                   | 1.190 | 0.050 | SC-06805-S | PCI/G |
|                                   | 1.420 | 0.047 | SC-06801-S | PCI/G |
|                                   | 2.520 | 2.270 | SC-06601-S | PCI/G |
|                                   | 2.760 | 2.270 | SC-06604-S | PCI/G |
|                                   | 2.890 | 2.270 | SC-06608-S | PCI/G |
|                                   | 2.720 | 2.270 | SC-06701-S | PCI/G |
|                                   | 2.580 | 2.270 | SC-06917-S | PCI/G |
|                                   | 2.780 | 2.270 | SC-06918-S | PCI/G |
|                                   | 2.950 | 2.270 | SC-06919-S | PCI/G |
|                                   | 2.670 | 2.270 | SC-06920-S | PCI/G |
| THORIUM-230 AVERAGE = 1.775 PCI/G |       |       |            |       |

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## CU068 DATA REPORT (CONTINUED)

| PARAMETER                | CONC   | DL    | LOCATION   | UNITS |
|--------------------------|--------|-------|------------|-------|
| URANIUM-238 (32 SAMPLES) |        |       |            |       |
|                          | 1.900  | 3.800 | SC-06608-S | PCI/G |
|                          | 1.580  | 3.160 | SC-06604-S | PCI/G |
|                          | 1.990  | 3.980 | SC-06601-S | PCI/G |
|                          | 1.555  | 3.110 | SC-06701-S | PCI/G |
|                          | 21.170 | 3.980 | SC-06917-S | PCI/G |
|                          | 1.945  | 3.890 | SC-06918-S | PCI/G |
|                          | 2.640  | 2.830 | SC-06919-S | PCI/G |
|                          | 2.155  | 4.310 | SC-06920-S | PCI/G |
|                          | 1.900  | 3.800 | SC-06707-S | PCI/G |
|                          | 1.410  | 2.820 | SC-06713-S | PCI/G |
|                          | 1.490  | 2.980 | SC-06719-S | PCI/G |
|                          | 1.920  | 2.820 | SC-06821-S | PCI/G |
|                          | 1.365  | 2.730 | SC-06820-S | PCI/G |
|                          | 2.035  | 4.070 | SC-06819-S | PCI/G |
|                          | 1.460  | 2.920 | SC-06818-S | PCI/G |
|                          | 2.075  | 4.150 | SC-06817-S | PCI/G |
|                          | 13.150 | 3.070 | SC-06816-S | PCI/G |
|                          | 1.925  | 3.850 | SC-06815-S | PCI/G |
|                          | 7.720  | 2.610 | SC-06814-S | PCI/G |
|                          | 8.290  | 4.330 | SC-06813-S | PCI/G |
|                          | 1.465  | 2.930 | SC-06812-S | PCI/G |
|                          | 2.000  | 4.000 | SC-06811-S | PCI/G |
|                          | 1.530  | 3.060 | SC-06810-S | PCI/G |
|                          | 1.850  | 3.700 | SC-06809-S | PCI/G |
|                          | 1.560  | 3.120 | SC-06808-S | PCI/G |
|                          | 1.940  | 3.880 | SC-06807-S | PCI/G |
|                          | 1.490  | 2.980 | SC-06806-S | PCI/G |
|                          | 2.215  | 4.430 | SC-06805-S | PCI/G |
|                          | 1.675  | 3.350 | SC-06804-S | PCI/G |
|                          | 1.735  | 3.470 | SC-06803-S | PCI/G |
|                          | 1.495  | 2.990 | SC-06802-S | PCI/G |
|                          | 2.115  | 4.230 | SC-06801-S | PCI/G |

URANIUM-238 AVERAGE = 3.148 PCI/G

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 8-26-96 3. Review Form #: 96-045  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU069 (map attached)  
6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228  
TNT X PCB X PAH X As X Cr X Pb X Ti

7. Results average below ALARA goal(s)? X Yes     No  
8. All results below cleanup criteria? X Yes     No  
9. Any results greater than 3X criteria?     Yes X No  
10. Hotspots present (less than 3X criteria)?     Yes X No

| Parameter  | Size | Concentration | Complies with Plan?          |
|------------|------|---------------|------------------------------|
| <u>N/A</u> |      |               | <u>   </u> Yes <u>   </u> No |
|            |      |               | <u>   </u> Yes <u>   </u> No |
|            |      |               | <u>   </u> Yes <u>   </u> No |
|            |      |               | <u>   </u> Yes <u>   </u> No |

11. Reviewer: Melvin A. Lutz Date: 08/26/96

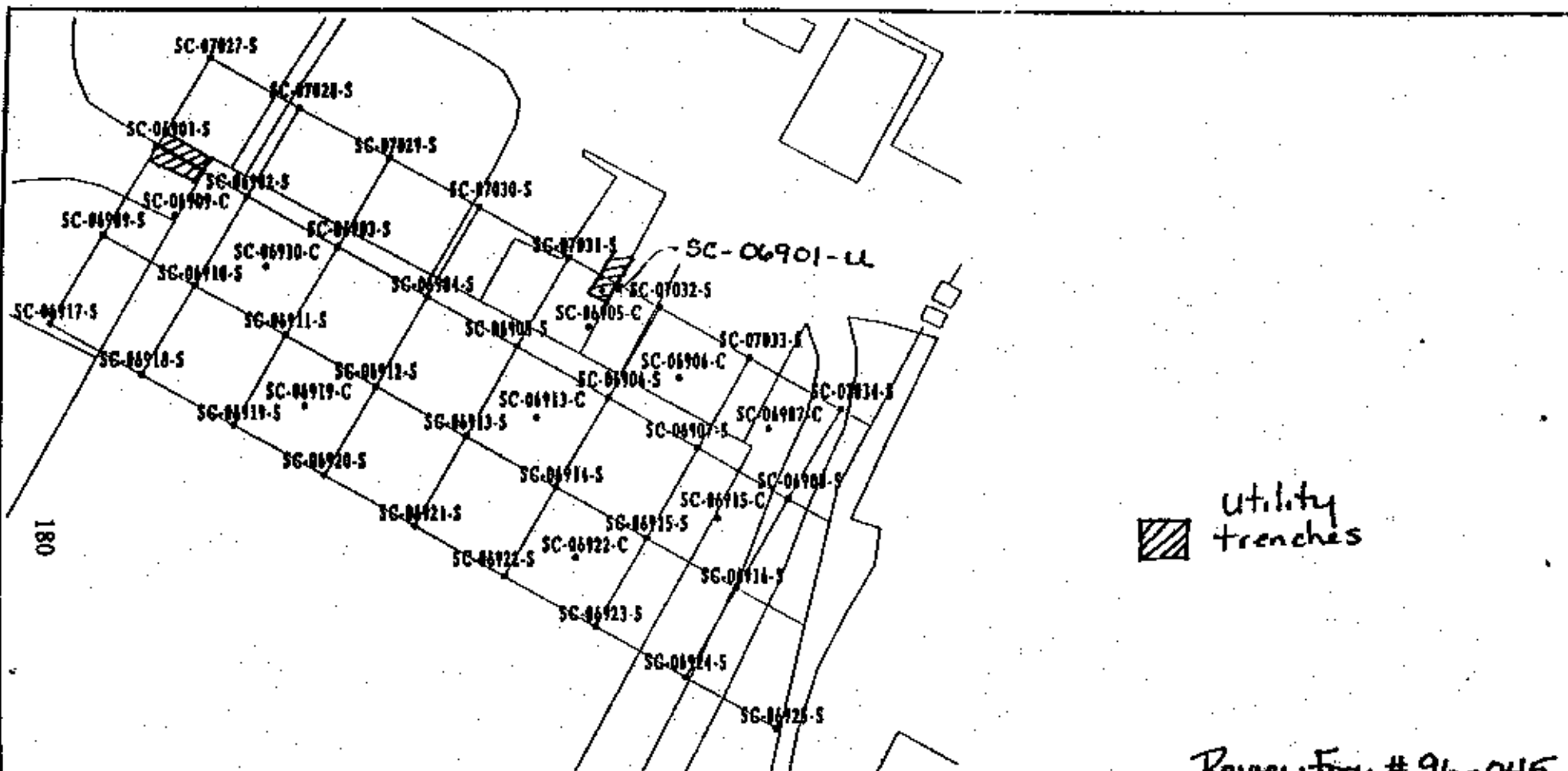
12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)  
    Additional Excavation Required (Section IV)  
    ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: [Signature] Date: 8/26/96  
15. DOE Project Manager/Engineer: [Signature] Date: 8/26/96  
16. Project Manager: [Signature] Date: 8/26/96  
17. Construction Engineer: [Signature] Date: 8/26/96

SEE ATTACHED RESULTS AND MAP



Review Form # 96-045

Sample Locations in Remedial Unit RU007  
Confirmation Unit CU069

Figure B-50

|                            |                                 |
|----------------------------|---------------------------------|
| EXHIBIT NO.: A/CP/132/1295 | REPORT NO.: DOE/OR/21548-590    |
| ORIGINATOR: MGL            | DRAWN BY: WSSRAP GIS DATE: 3/96 |

## CU069 DATA REPORT

| PARAMETER                                       | CONC    | DL     | LOCATION   | UNITS |
|---|---------|--------|------------|-------|
| <b>PCBs (31 SAMPLES)</b>                        |         |        |            |       |
|   | 0.000   | 40.000 | SC-06906-S | UG/KG |
|   | 0.000   | 40.000 | SC-06905-S | UG/KG |
|   | 0.000   | 39.000 | SC-06905-C | UG/KG |
|   | 0.000   | 38.000 | SC-06910-S | UG/KG |
|   | 260.000 | 38.000 | SC-06909-S | UG/KG |
|   | 0.000   | 44.000 | SC-06910-C | UG/KG |
|   | 0.000   | 40.000 | SC-06909-C | UG/KG |
|   | 0.000   | 39.000 | SC-06907-S | UG/KG |
|   | 0.000   | 41.000 | SC-06906-C | UG/KG |
|   | 0.000   | 40.000 | SC-06907-C | UG/KG |
|   | 0.000   | 37.000 | SC-06904-S | UG/KG |
|   | 0.000   | 42.000 | SC-06903-S | UG/KG |
|   | 0.000   | 38.000 | SC-06902-S | UG/KG |
|   | 120.000 | 38.000 | SC-06901-S | UG/KG |
|   | 0.000   | 41.000 | SC-06923-S | UG/KG |
|   | 0.000   | 44.000 | SC-06922-S | UG/KG |
|   | 0.000   | 40.000 | SC-06922-C | UG/KG |
|   | 0.000   | 43.000 | SC-06921-S | UG/KG |
|   | 42.000  | 38.000 | SC-06920-S | UG/KG |
|   | 0.000   | 40.000 | SC-06919-C | UG/KG |
|   | 0.000   | 40.000 | SC-06919-S | UG/KG |
|   | 0.000   | 42.000 | SC-06918-S | UG/KG |
|   | 41.000  | 39.000 | SC-06917-S | UG/KG |
|   | 0.000   | 41.000 | SC-06915-C | UG/KG |
|   | 0.000   | 41.000 | SC-06915-S | UG/KG |
|   | 0.000   | 39.000 | SC-06914-S | UG/KG |
|   | 200.000 | 39.000 | SC-06913-S | UG/KG |
|   | 0.000   | 42.000 | SC-06913-C | UG/KG |
|   | 0.000   | 44.000 | SC-06912-S | UG/KG |
|   | 0.000   | 39.000 | SC-06911-S | UG/KG |
|   | 0.000   | 40.000 | SC-06901-U | UG/KG |
| <b>PCB AVERAGE = 21.387 UG/KG (0.021 MG/KG)</b> |         |        |            |       |
| <b>PAHs (5 SAMPLES)</b>                         |         |        |            |       |
|   | 229.600 | 5.000  | SC-07032-S | UG/KG |
|   | 295.000 | 5.100  | SC-07031-S | UG/KG |
|   | 9.700   | 5.200  | SC-06905-C | UG/KG |
|   | 65.000  | 5.200  | SC-06905-S | UG/KG |
|   | 0.000   | 5.200  | SC-06906-S | UG/KG |
| <b>PAH AVERAGE = 119.86 UG/KG (0.12 MG/KG)</b>  |         |        |            |       |

## CU069 DATA REPORT (CONTINUED)

| PARAMETER            | CONC   | DL    | LOCATION   | UNITS |
|----------------------|--------|-------|------------|-------|
| ARSENIC (31 SAMPLES) |        |       |            |       |
|                      | 10.300 | 0.460 | SC-06901-S | UG/G  |
|                      | 9.300  | 0.470 | SC-06902-S | UG/G  |
|                      | 12.700 | 0.500 | SC-06903-S | UG/G  |
|                      | 10.100 | 0.490 | SC-06906-C | UG/G  |
|                      | 7.100  | 0.450 | SC-06904-S | UG/G  |
|                      | 5.100  | 0.480 | SC-06906-S | UG/G  |
|                      | 7.200  | 0.480 | SC-06905-S | UG/G  |
|                      | 9.400  | 0.480 | SC-06905-C | UG/G  |
|                      | 9.700  | 0.530 | SC-06910-C | UG/G  |
|                      | 5.300  | 0.460 | SC-06910-S | UG/G  |
|                      | 7.500  | 0.460 | SC-06909-S | UG/G  |
|                      | 7.500  | 0.490 | SC-06909-C | UG/G  |
|                      | 10.400 | 0.480 | SC-06907-S | UG/G  |
|                      | 8.500  | 0.490 | SC-06907-C | UG/G  |
|                      | 10.600 | 0.500 | SC-06923-S | UG/G  |
|                      | 25.600 | 0.540 | SC-06922-S | UG/G  |
|                      | 8.500  | 0.480 | SC-06922-C | UG/G  |
|                      | 23.100 | 0.520 | SC-06921-S | UG/G  |
|                      | 13.300 | 0.490 | SC-06919-S | UG/G  |
|                      | 6.100  | 0.460 | SC-06920-S | UG/G  |
|                      | 9.000  | 0.480 | SC-06919-C | UG/G  |
|                      | 9.800  | 0.500 | SC-06918-S | UG/G  |
|                      | 8.500  | 0.470 | SC-06917-S | UG/G  |
|                      | 11.300 | 0.490 | SC-06915-S | UG/G  |
|                      | 9.100  | 0.480 | SC-06914-S | UG/G  |
|                      | 5.500  | 0.490 | SC-06915-C | UG/G  |
|                      | 9.500  | 0.470 | SC-06913-S | UG/G  |
|                      | 11.500 | 0.530 | SC-06912-S | UG/G  |
|                      | 11.700 | 0.510 | SC-06913-C | UG/G  |
|                      | 12.400 | 0.470 | SC-06911-S | UG/G  |
|                      | 2.900  | 0.490 | SC-06901-U | UG/G  |

ARSENIC AVERAGE = 9.945 UG/G

## CHROMIUM (31 SAMPLES)

|        |       |            |      |
|--------|-------|------------|------|
| 16.500 | 0.530 | SC-06901-S | UG/G |
| 16.100 | 0.540 | SC-06902-S | UG/G |
| 15.400 | 0.560 | SC-06919-S | UG/G |
| 17.500 | 0.600 | SC-06921-S | UG/G |
| 18.300 | 0.550 | SC-06922-C | UG/G |
| 15.900 | 0.620 | SC-06922-S | UG/G |
| 17.000 | 0.570 | SC-06923-S | UG/G |
| 24.300 | 0.580 | SC-06903-S | UG/G |
| 19.500 | 0.540 | SC-06911-S | UG/G |
| 23.900 | 0.580 | SC-06913-C | UG/G |
| 19.800 | 0.610 | SC-06912-S | UG/G |
| 17.700 | 0.540 | SC-06913-S | UG/G |
| 18.200 | 0.570 | SC-06915-C | UG/G |
| 14.900 | 0.550 | SC-06914-S | UG/G |
| 18.400 | 0.570 | SC-06915-S | UG/G |
| 12.700 | 0.540 | SC-06917-S | UG/G |
| 22.000 | 0.580 | SC-06918-S | UG/G |
| 17.300 | 0.560 | SC-06919-C | UG/G |
| 13.700 | 0.530 | SC-06920-S | UG/G |
| 17.400 | 0.560 | SC-06906-C | UG/G |
| 10.800 | 0.520 | SC-06904-S | UG/G |
| 17.400 | 0.560 | SC-06907-C | UG/G |

## CU069 DATA REPORT (CONTINUED)

| PARAMETER                      | CONC   | DL    | LOCATION   | UNITS |
|--------------------------------|--------|-------|------------|-------|
| CHROMIUM. CONTINUED            |        |       |            |       |
|                                | 17.100 | 0.550 | SC-06907-S | UG/G  |
|                                | 11.900 | 0.560 | SC-06909-C | UG/G  |
|                                | 19.700 | 0.610 | SC-06910-C | UG/G  |
|                                | 19.000 | 0.550 | SC-06905-C | UG/G  |
|                                | 14.400 | 0.550 | SC-06905-S | UG/G  |
|                                | 14.800 | 0.560 | SC-06906-S | UG/G  |
|                                | 16.300 | 0.530 | SC-06909-S | UG/G  |
|                                | 14.700 | 0.530 | SC-06910-S | UG/G  |
|                                | 14.200 | 0.560 | SC-06901-U | UG/G  |
| CHROMIUM AVERAGE = 16.968 UG/G |        |       |            |       |

## LEAD (31 SAMPLES)

|         |       |            |      |
|---------|-------|------------|------|
| 57.400  | 0.320 | SC-06909-S | UG/G |
| 11.200  | 0.340 | SC-06909-C | UG/G |
| 13.100  | 0.330 | SC-06907-S | UG/G |
| 11.800  | 0.340 | SC-06907-C | UG/G |
| 25.200  | 0.320 | SC-06904-S | UG/G |
| 19.900  | 0.340 | SC-06906-C | UG/G |
| 10.800  | 0.350 | SC-06903-S | UG/G |
| 19.900  | 0.330 | SC-06902-S | UG/G |
| 101.000 | 0.320 | SC-06901-S | UG/G |
| 13.800  | 0.370 | SC-06910-C | UG/G |
| 14.000  | 0.320 | SC-06910-S | UG/G |
| 11.000  | 0.340 | SC-06905-C | UG/G |
| 8.700   | 0.340 | SC-06906-S | UG/G |
| 10.700  | 0.340 | SC-06905-S | UG/G |
| 20.600  | 0.350 | SC-06923-S | UG/G |
| 16.300  | 0.380 | SC-06922-S | UG/G |
| 17.400  | 0.340 | SC-06922-C | UG/G |
| 18.600  | 0.320 | SC-06920-S | UG/G |
| 15.600  | 0.370 | SC-06921-S | UG/G |
| 16.400  | 0.340 | SC-06919-S | UG/G |
| 14.600  | 0.340 | SC-06919-C | UG/G |
| 14.900  | 0.350 | SC-06918-S | UG/G |
| 17.000  | 0.330 | SC-06917-S | UG/G |
| 12.700  | 0.350 | SC-06915-S | UG/G |
| 14.600  | 0.330 | SC-06914-S | UG/G |
| 15.700  | 0.350 | SC-06915-C | UG/G |
| 37.400  | 0.330 | SC-06913-S | UG/G |
| 18.900  | 0.370 | SC-06912-S | UG/G |
| 14.700  | 0.360 | SC-06913-C | UG/G |
| 14.700  | 0.330 | SC-06911-S | UG/G |
| 13.400  | 0.340 | SC-06901-U | UG/G |

LEAD AVERAGE = 20.851 UG/G

## CU069 DATA REPORT (CONTINUED)

| PARAMETER                         | CONC  | DL    | LOCATION   | UNITS |
|-----------------------------------|-------|-------|------------|-------|
| RADIUM-226 (6 SAMPLES)            |       |       |            |       |
|                                   | 2.270 | 0.370 | SC-07034-S | PCI/G |
|                                   | 2.430 | 0.310 | SC-07033-S | PCI/G |
|                                   | 1.880 | 0.420 | SC-06907-S | PCI/G |
|                                   | 2.380 | 0.290 | SC-06908-S | PCI/G |
|                                   | 2.320 | 0.230 | SC-06907-C | PCI/G |
|                                   | 1.970 | 0.320 | SC-06901-U | PCI/G |
| RADIUM-226 AVERAGE = 2.212 PCI/G  |       |       |            |       |
| RADIUM-228 (6 SAMPLES)            |       |       |            |       |
|                                   | 1.440 | 0.500 | SC-07034-S | PCI/G |
|                                   | 1.330 | 0.440 | SC-07033-S | PCI/G |
|                                   | 1.090 | 0.440 | SC-06908-S | PCI/G |
|                                   | 1.500 | 0.830 | SC-06907-S | PCI/G |
|                                   | 1.140 | 0.390 | SC-06907-C | PCI/G |
|                                   | 1.340 | 0.320 | SC-06901-U | PCI/G |
| RADIUM-228 AVERAGE = 1.307 PCI/G  |       |       |            |       |
| THORIUM-230 (31 SAMPLES)          |       |       |            |       |
|                                   | 2.670 | 2.270 | SC-06920-S | PCI/G |
|                                   | 3.860 | 2.270 | SC-06909-S | PCI/G |
|                                   | 2.770 | 2.270 | SC-06909-C | PCI/G |
|                                   | 2.610 | 2.270 | SC-06910-C | PCI/G |
|                                   | 2.740 | 2.270 | SC-06907-S | PCI/G |
|                                   | 2.470 | 2.270 | SC-06907-C | PCI/G |
|                                   | 2.430 | 2.270 | SC-06906-S | PCI/G |
|                                   | 2.640 | 2.270 | SC-06906-C | PCI/G |
|                                   | 2.830 | 2.270 | SC-06905-S | PCI/G |
|                                   | 2.770 | 2.270 | SC-06905-C | PCI/G |
|                                   | 2.790 | 2.270 | SC-06902-S | PCI/G |
|                                   | 2.820 | 2.270 | SC-06904-S | PCI/G |
|                                   | 2.750 | 2.270 | SC-06903-S | PCI/G |
|                                   | 3.360 | 2.270 | SC-06901-S | PCI/G |
|                                   | 2.910 | 2.270 | SC-06922-S | PCI/G |
|                                   | 2.780 | 2.270 | SC-06921-S | PCI/G |
|                                   | 2.880 | 2.270 | SC-06922-C | PCI/G |
|                                   | 2.830 | 2.270 | SC-06923-S | PCI/G |
|                                   | 2.950 | 2.270 | SC-06919-S | PCI/G |
|                                   | 2.670 | 2.270 | SC-06919-C | PCI/G |
|                                   | 2.780 | 2.270 | SC-06918-S | PCI/G |
|                                   | 2.580 | 2.270 | SC-06917-S | PCI/G |
|                                   | 2.670 | 2.270 | SC-06915-S | PCI/G |
|                                   | 2.540 | 2.270 | SC-06915-C | PCI/G |
|                                   | 2.680 | 2.270 | SC-06914-S | PCI/G |
|                                   | 3.120 | 2.270 | SC-06913-S | PCI/G |
|                                   | 2.680 | 2.270 | SC-06913-C | PCI/G |
|                                   | 2.730 | 2.270 | SC-06912-S | PCI/G |
|                                   | 2.630 | 2.270 | SC-06911-S | PCI/G |
|                                   | 2.720 | 2.270 | SC-06910-S | PCI/G |
|                                   | 2.750 | 2.270 | SC-06901-U | PCI/G |
| THORIUM-230 AVERAGE = 2.788 PCI/G |       |       |            |       |

## CU069 DATA REPORT (CONTINUED)

| PARAMETER                | CONC   | DL    | LOCATION   | UNITS |
|--------------------------|--------|-------|------------|-------|
| URANIUM-238 (33 SAMPLES) |        |       |            |       |
|                          | 0.960  | 5.490 | SC-06901-S | PCI/G |
|                          | 2.620  | 5.240 | SC-06902-S | PCI/G |
|                          | 2.150  | 4.300 | SC-06903-S | PCI/G |
|                          | 1.520  | 3.040 | SC-06904-S | PCI/G |
|                          | 1.495  | 2.990 | SC-06905-S | PCI/G |
|                          | 1.500  | 3.000 | SC-06906-S | PCI/G |
|                          | 1.915  | 3.830 | SC-06907-S | PCI/G |
|                          | 1.510  | 3.020 | SC-06908-S | PCI/G |
|                          | 29.310 | 4.950 | SC-06909-S | PCI/G |
|                          | 1.555  | 3.110 | SC-07027-S | PCI/G |
|                          | 2.025  | 4.050 | SC-07028-S | PCI/G |
|                          | 13.760 | 4.690 | SC-07029-S | PCI/G |
|                          | 1.100  | 2.070 | SC-07030-S | PCI/G |
|                          | 11.590 | 3.420 | SC-07031-S | PCI/G |
|                          | 2.460  | 3.070 | SC-07032-S | PCI/G |
|                          | 1.660  | 3.320 | SC-07033-S | PCI/G |
|                          | 1.985  | 3.970 | SC-07034-S | PCI/G |
|                          | 1.570  | 3.140 | SC-06910-S | PCI/G |
|                          | 1.650  | 2.010 | SC-06911-S | PCI/G |
|                          | 2.860  | 5.720 | SC-06912-S | PCI/G |
|                          | 2.760  | 3.030 | SC-06913-S | PCI/G |
|                          | 1.565  | 3.130 | SC-06914-S | PCI/G |
|                          | 1.955  | 3.910 | SC-06915-S | PCI/G |
|                          | 1.530  | 3.060 | SC-06916-S | PCI/G |
|                          | 21.170 | 3.980 | SC-06917-S | PCI/G |
|                          | 1.945  | 3.890 | SC-06918-S | PCI/G |
|                          | 2.640  | 2.830 | SC-06919-S | PCI/G |
|                          | 2.155  | 4.310 | SC-06920-S | PCI/G |
|                          | 1.540  | 3.080 | SC-06921-S | PCI/G |
|                          | 1.865  | 3.730 | SC-06922-S | PCI/G |
|                          | 1.510  | 3.020 | SC-06923-S | PCI/G |
|                          | 1.925  | 3.850 | SC-06924-S | PCI/G |
|                          | 3.220  | 2.420 | SC-06925-S | PCI/G |
|                          | 2.020  | 4.040 | SC-06901-U | PCI/G |
| URANIUM-238 AVERAGE      | 4.500  |       |            | PCI/G |

## PARTIAL CONFIRMATION UNIT RELEASE FORM

ES&amp;H-1.2.1, 12/95

## SECTION I

1. Work Package Number: W0470 2. Date: 6/17/96 3. Review Form No.: 96-004P
4. Remediation Unit Number: RUD07 5. Confirmation Unit Number (see attached map): CUD070
6. Contaminants of Concern: ☒ U238 ☒ Th230 ☒ Th232 ☒ Ra226 ☒ Ra228 ☒ TNT  
☐ TI ☒ PCB ☐ PAH ☐ As ☐ Cr ☒ Pb
7. Number of Samples Collected: 8
8. Total Number of Samples for CU: 34
9. Any results exceed criteria? ☐ Yes (requires additional remediation) ☒ No
10. Results average below ALARA goals? ☒ Yes ☐ No (requires additional remediation)
11. Reviewer: Mel H. Lutz Date: 06/17/96
12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use ☐ Additional Excavation Required

## SECTION II

I, Ken Meyer agree with the above recommendation for this partial CU.

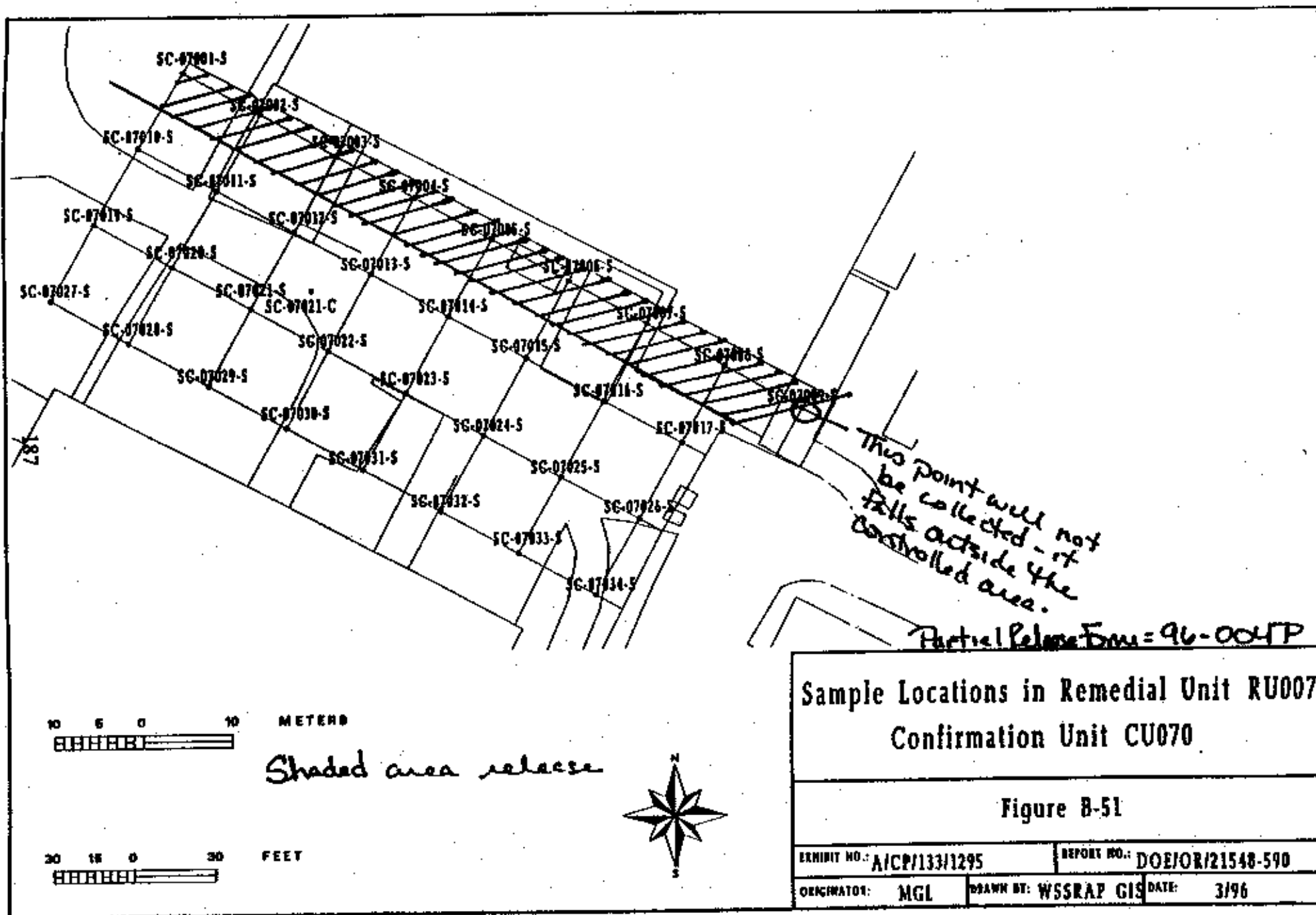
ALARA Committee Chairman: [Signature] Date: 6/17/96

## SECTION III

Project Manager: [Signature] Date: 6/17/96

Construction Engineer: [Signature] Date: 6-17-96

Note: No utilities



RU007/CU070 - Partial Release

Form Number: 96-004P

| Sample ID  | Parameter   | Conc  | Units | Request |
|------------|-------------|-------|-------|---------|
| SC-07001-S | Uranium 238 | 6.72  | pCi/g | WP087   |
| SC-07002-S | Uranium 238 | 10.17 | pCi/g | WP087   |
| SC-07003-S | Uranium 238 | <3.91 | pCi/g | WP087   |
| SC-07004-S | Uranium 238 | <2.95 | pCi/g | WP087   |
| SC-07005-S | Uranium 238 | <3.08 | pCi/g | WP087   |
| SC-07006-S | Uranium 238 | <4.08 | pCi/g | WP082   |
| SC-07007-S | Uranium 238 | <3.24 | pCi/g | WP082   |
| SC-07008-S | Radium 226  | 1.7   | pCi/g | WP082   |
| SC-07009-S | Radium 228  | 1.18  | pCi/g | WP082   |
| SC-07010-S | Thorium 230 | 0.78  | pCi/g | WP082   |
| SC-07011-S | Thorium 232 | 1.21  | pCi/g | WP082   |
| SC-07012-S | Lead        | 11.0  | mg/kg | QT1381  |
| SC-07013-S | PCBs        | ND    | mg/kg | QT1381  |
| SC-07014-S | Uranium 238 | <3.24 | pCi/g | WP082   |
| SC-07015-S | Radium 226  | 2.47  | pCi/g | WP082   |
| SC-07016-S | Radium 228  | 1.17  | pCi/g | WP082   |
| SC-07017-S | Thorium 230 | 3.20  | pCi/g | WP082   |
| SC-07018-S | Thorium 232 | 1.20  | pCi/g | WP082   |
| SC-07019-S | Lead        | 20.9  | mg/kg | QT1381  |
| SC-07020-S | PCBs        | ND    | mg/kg | QT1381  |

Avg U-238 = 3.59 pCi/g  
 Avg Ra226 = 0.92 pCi/g  
 Avg Ra228 = 1.18 pCi/g  
 Avg Th230 = 1.99 pCi/g  
 Avg Th232 = 1.21 pCi/g  
 Avg Pb = 15.95 mg/kg  
 Avg PCB = 0 mg/kg

~~SC-07008-S U-238 <3.24 pCi/g~~  
~~SC-07008-S Ra-226 2.47 pCi/g~~  
~~SC-07008-S Ra-228 1.17 pCi/g~~  
~~SC-07008-S Th-230 3.20 pCi/g~~  
~~SC-07008-S Th-232 1.20 pCi/g~~  
~~SC-07008-S Lead 20.9 mg/kg~~  
~~SC-07008-S PCBs <0.038 mg/kg~~  
~~QT1381~~  
~~QT1381~~  
~~QT1381~~

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 10/07/96 3. Review Form #: 96-072  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU070 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☒ Th-232 ☒ Ra-226 ☒ Ra-228  
☐ TNT ☒ PCB ☒ PAH ☒ As ☒ Cr ☒ Pb ☐ TI

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter  | Size | Concentration | Complies with Plan?                                      |
|------------|------|---------------|--|
| <u>N/A</u> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: Melvin A. Katz Date: 10/07/96

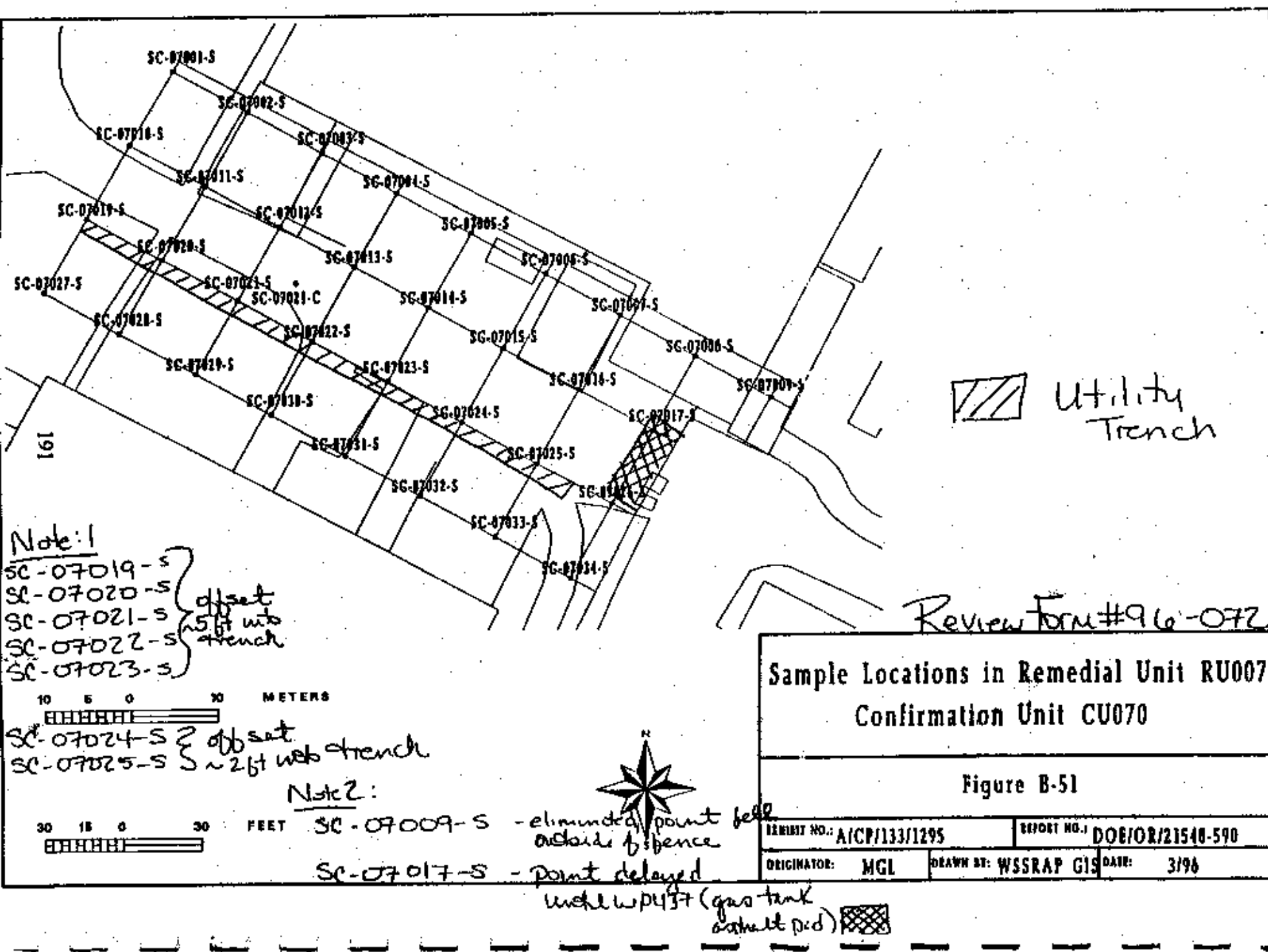
12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: Debra J. [Signature] Date: 10/8/96  
15. DOE Project Manager/Engineer: Thomas C. [Signature] Date: 10/8/96  
16. Project Manager: Joseph P. [Signature] Date: 10/8/96  
17. Construction Engineer: Joseph P. [Signature] Date: 10/8/96

SEE ATTACHED RESULTS AND MAP



## CU070 DATA REPORT

## URANIUM-238

NUMBER OF URANIUM-238 SAMPLES IN DATABASE FOR THIS CU IS: 32

| PARAMETER   | LOCATION   | CONC   | DL   | UNITS |
|-------------|------------|--------|------|-------|
| URANIUM-238 | SC-07001-S | 6.720  | 4.13 | PCI/G |
| URANIUM-238 | SC-07002-S | 10.170 | 3.30 | PCI/G |
| URANIUM-238 | SC-07010-S | 4.290  | 3.59 | PCI/G |
| URANIUM-238 | SC-07003-S | 1.955  | 3.91 | PCI/G |
| URANIUM-238 | SC-07011-S | 1.515  | 3.03 | PCI/G |
| URANIUM-238 | SC-07004-S | 1.475  | 2.95 | PCI/G |
| URANIUM-238 | SC-07019-S | 1.950  | 2.89 | PCI/G |
| URANIUM-238 | SC-07012-S | 2.005  | 4.01 | PCI/G |
| URANIUM-238 | SC-07005-S | 1.540  | 3.08 | PCI/G |
| URANIUM-238 | SC-07020-S | 4.010  | 2.56 | PCI/G |
| URANIUM-238 | SC-07013-S | 1.570  | 3.14 | PCI/G |
| URANIUM-238 | SC-07006-S | 2.040  | 4.08 | PCI/G |
| URANIUM-238 | SC-07027-S | 1.555  | 3.11 | PCI/G |
| URANIUM-238 | SC-07021-S | 1.630  | 3.26 | PCI/G |
| URANIUM-238 | SC-07014-S | 1.565  | 3.13 | PCI/G |
| URANIUM-238 | SC-07007-S | 1.620  | 3.24 | PCI/G |
| URANIUM-238 | SC-07028-S | 2.025  | 4.05 | PCI/G |
| URANIUM-238 | SC-07022-S | 1.900  | 3.80 | PCI/G |
| URANIUM-238 | SC-07015-S | 2.060  | 4.12 | PCI/G |
| URANIUM-238 | SC-07008-S | 1.620  | 3.24 | PCI/G |
| URANIUM-238 | SC-07029-S | 13.760 | 4.69 | PCI/G |
| URANIUM-238 | SC-07023-S | 1.985  | 3.97 | PCI/G |
| URANIUM-238 | SC-07016-S | 1.475  | 2.95 | PCI/G |
| URANIUM-238 | SC-07030-S | 1.100  | 2.07 | PCI/G |
| URANIUM-238 | SC-07024-S | 2.105  | 4.21 | PCI/G |
| URANIUM-238 | SC-07031-S | 11.590 | 3.42 | PCI/G |
| URANIUM-238 | SC-07025-S | 1.645  | 3.29 | PCI/G |
| URANIUM-238 | SC-07032-S | 2.460  | 3.07 | PCI/G |
| URANIUM-238 | SC-07026-S | 1.590  | 3.18 | PCI/G |
| URANIUM-238 | SC-07033-S | 1.660  | 3.32 | PCI/G |
| URANIUM-238 | SC-07034-S | 1.985  | 3.97 | PCI/G |
| URANIUM-238 | SC-07021-C | 2.015  | 4.03 | PCI/G |

Average of URANIUM-238' values is 3.018 PCI/G, which is below ALARA, 30.0 PCI/G.  
Maximum single value is 13.76 PCI/G, which is below criteria, 120.0 PCI/G.

## CU070 DATA REPORT (CONTINUED)

## THORIUM-230

NUMBER OF Thorium-230 SAMPLES IN DATABASE FOR THIS CU IS: 5

| PARAMETER   | LOCATION   | CONC | DL   | UNITS |
|-------------|------------|------|------|-------|
| Thorium-230 | SC-07007-S | 0.78 | 0.08 | PCI/G |
| Thorium-230 | SC-07008-S | 3.20 | 0.18 | PCI/G |
| Thorium-230 | SC-07016-S | 1.28 | 0.72 | PCI/G |
| Thorium-230 | SC-07024-S | 1.30 | 0.72 | PCI/G |
| Thorium-230 | SC-07025-S | 1.04 | 0.72 | PCI/G |

Average of Thorium-230 values is 1.52 PCI/G, which is below ALARA, 5.0 PCI/G.  
Maximum single value is 3.2 PCI/G, which is below criteria, 6.2 PCI/G.

## RADIUM-226

NUMBER OF RADIUM-226 SAMPLES IN DATABASE FOR THIS CU IS: 5

| PARAMETER  | LOCATION   | CONC   | DL   | UNITS |
|------------|------------|--------|------|-------|
| RADIUM-226 | SC-07007-S | 1.7025 | 0.30 | PCI/G |
| RADIUM-226 | SC-07008-S | 2.4743 | 0.31 | PCI/G |
| RADIUM-226 | SC-07016-S | 2.0430 | 0.27 | PCI/G |
| RADIUM-226 | SC-07033-S | 2.4516 | 0.31 | PCI/G |
| RADIUM-226 | SC-07034-S | 2.2700 | 0.37 | PCI/G |

Average of RADIUM-226 values is 2.188 PCI/G, which is below ALARA, 5.0 PCI/G.  
Maximum single value is 2.474 PCI/G, which is below criteria, 6.2 PCI/G.

## RADIUM-228

NUMBER OF RADIUM-228 SAMPLES IN DATABASE FOR THIS CU IS: 5

| PARAMETER  | LOCATION   | CONC | DL   | UNITS |
|------------|------------|------|------|-------|
| RADIUM-228 | SC-07007-S | 1.18 | 0.51 | PCI/G |
| RADIUM-228 | SC-07008-S | 1.17 | 0.43 | PCI/G |
| RADIUM-228 | SC-07016-S | 0.99 | 0.08 | PCI/G |
| RADIUM-228 | SC-07033-S | 1.33 | 0.44 | PCI/G |
| RADIUM-228 | SC-07034-S | 1.44 | 0.50 | PCI/G |

Average of RADIUM-228 values is 1.222 PCI/G, which is below ALARA, 5.0 PCI/G.  
Maximum single value is 1.44 PCI/G, which is below criteria, 6.2 PCI/G.

## CU070 DATA REPORT (CONTINUED)

## ARSENIC

NUMBER OF Arsenic SAMPLES IN DATABASE FOR THIS CU IS: 7

| PARAMETER | LOCATION   | CONC | DL   | UNITS |
|-----------|------------|------|------|-------|
| Arsenic   | SC-07024-S | 3.3  | 0.48 | UG/G  |
| Arsenic   | SC-07025-S | 4.0  | 0.48 | UG/G  |
| Arsenic   | SC-07019-S | 10.3 | 0.43 | UG/G  |
| Arsenic   | SC-07020-S | 4.5  | 0.42 | UG/G  |
| Arsenic   | SC-07021-S | 2.5  | 0.46 | UG/G  |
| Arsenic   | SC-07022-S | 1.9  | 0.43 | UG/G  |
| Arsenic   | SC-07023-S | 3.2  | 0.44 | UG/G  |

Average of Arsenic values is 4.2 UG/G, which is below ALARA of 45.0 UG/G.  
Maximum single value is 10.3 UG/G, which is below criteria of 75 UG/G.

## CHROMIUM

NUMBER OF Chromium SAMPLES IN DATABASE FOR THIS CU IS: 7

| PARAMETER | LOCATION   | CONC | DL   | UNITS |
|-----------|------------|------|------|-------|
| Chromium  | SC-07024-S | 16.9 | 0.55 | UG/G  |
| Chromium  | SC-07025-S | 16.5 | 0.56 | UG/G  |
| Chromium  | SC-07019-S | 14.7 | 0.36 | UG/G  |
| Chromium  | SC-07020-S | 13.0 | 0.35 | UG/G  |
| Chromium  | SC-07021-S | 13.4 | 0.39 | UG/G  |
| Chromium  | SC-07022-S | 12.4 | 0.36 | UG/G  |
| Chromium  | SC-07023-S | 9.8  | 0.37 | UG/G  |

Average of Chromium values is 13.8 UG/G, which is below ALARA of 90.0 UG/G.  
Maximum single value is 16.9 UG/G, which is below criteria of 110.0 UG/G.

## LEAD

NUMBER OF Lead SAMPLES IN DATABASE FOR THIS CU IS: 10

| PARAMETER | LOCATION   | CONC | DL   | UNITS |
|-----------|------------|------|------|-------|
| Lead      | SC-07007-S | 11.0 | 0.16 | UG/G  |
| Lead      | SC-07008-S | 20.9 | 0.14 | UG/G  |
| Lead      | SC-07016-S | 16.5 | 0.35 | UG/G  |
| Lead      | SC-07024-S | 11.0 | 0.33 | UG/G  |
| Lead      | SC-07025-S | 16.1 | 0.34 | UG/G  |
| Lead      | SC-07019-S | 14.2 | 0.19 | UG/G  |
| Lead      | SC-07020-S | 15.1 | 0.19 | UG/G  |
| Lead      | SC-07021-S | 10.7 | 0.21 | UG/G  |
| Lead      | SC-07022-S | 8.0  | 0.19 | UG/G  |
| Lead      | SC-07023-S | 13.7 | 0.20 | UG/G  |

Average of Lead values is 13.7 UG/G, which is below ALARA of 240.0 UG/G.  
Maximum single value is 20.9 UG/G, which is below criteria of 450 UG/G.

## CU070 DATA REPORT (CONTINUED)

## PCBs

NUMBER OF 'PCB' SAMPLES IN DATABASE FOR THIS CU IS: 10

| PARAMETER | LOCATION     | CONC | DL    | UNITS |
|-----------|--------------|------|-------|-------|
| PCB       | SC-07007-S 0 | 43   | UG/KG |       |
| PCB       | SC-07008-S 0 | 38   | UG/KG |       |
| PCB       | SC-07016-S 0 | 41   | UG/KG |       |
| PCB       | SC-07024-S 0 | 39   | UG/KG |       |
| PCB       | SC-07025-S 0 | 40   | UG/KG |       |
| PCB       | SC-07019-S 0 | 40   | UG/KG |       |
| PCB       | SC-07020-S 0 | 39   | UG/KG |       |
| PCB       | SC-07021-S 0 | 43   | UG/KG |       |
| PCB       | SC-07022-S 0 | 39   | UG/KG |       |
| PCB       | SC-07023-S 0 | 40   | UG/KG |       |

Average of PCB values is NA, which is below ALARA of 650 UG/KG.

Maximum single value is NA, which is below criteria of 8000 UG/KG.

## PAHs

NUMBER OF PAH SAMPLES IN DATABASE FOR THIS CU IS: 2

| PARAMETER | LOCATION          | CONC | DL    | UNITS |
|-----------|-------------------|------|-------|-------|
| PAH       | SC-07031-S 295    | 59   | UG/KG |       |
| PAH       | SC-07032-S 274.85 | 58   | UG/KG |       |

Average of PAH values is 284.925 UG/KG, which is below ALARA of 440 UG/KG.

Maximum single value is 295 UG/KG, which is below criteria of 5600 UG/KG.

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SOIL CONFIRMATION REMEDIATION DISPOSITION FORM Page 1 of 2

SECTION I

1. Work Package Number: WP420 2. Date: 10/08/96 3. Review Form #: 96-073  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU071 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☒ Th-232 ☒ Ra-226 ☒ Ra-228  
☐ TNT ☒ PCB ☐ PAH ☒ As ☒ Cr ☒ Pb ☒ Ti

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter  | Size | Concentration | Complies with Plan?                                      |
|------------|------|---------------|--|
| <u>N/A</u> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

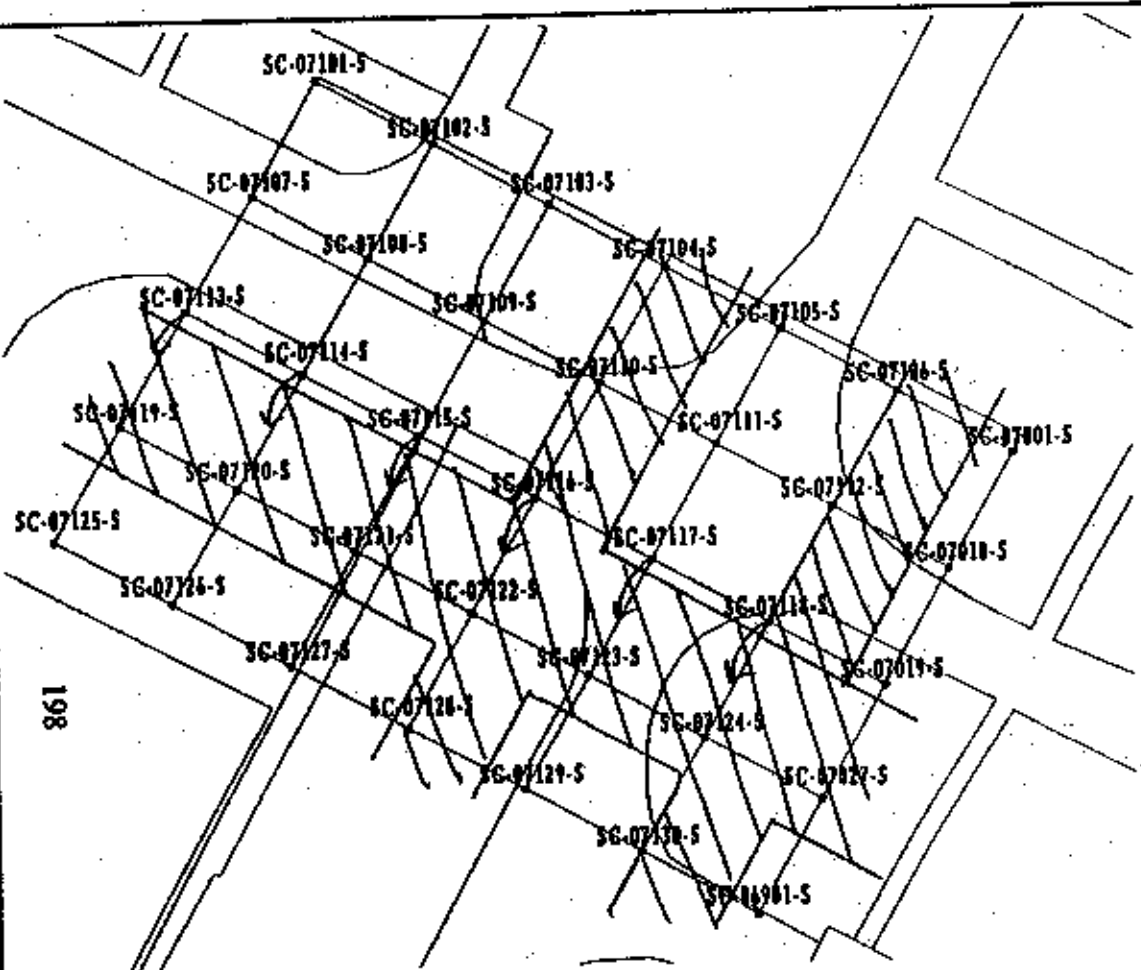
11. Reviewer: Melvin A. Ditz Date: 10/08/96  
12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: Debra J. Jones Date: 10/8/96  
15. DOE Project Manager/Engineer: Thomas C. Pauling Date: 10/9/96  
16. Project Manager: [Signature] Date: 10/8/96  
17. Construction Engineer: James L. Cope Date: 10/9/96

SEE ATTACHED RESULTS AND MAP



Utility Trenches  
 (The E-W trench had  
 two new confirmation  
 samples along the  
 bottom of the trench.)

10 5 0 10 METERS

30 15 0 30 FEET



Sample Locations in Remedial Unit RU007  
 Confirmation Unit CU071

Figure B-52

|                         |                                 |
|-------------------------|---------------------------------|
| LEAD NO.: A/CN/134/1295 | REPORT NO.: DOE/OR/21548-590    |
| ORIGINATOR: MGL         | DRAWN BY: WSSRAP GIS DATE: 3/96 |

## CU071 DATA REPORT

## URANIUM-238

NUMBER OF URANIUM-238 SAMPLES IN DATABASE FOR THIS CU IS: 35

| PARAMETER   | LOCATION   | CONC  | DL   | UNITS |
|-------------|------------|-------|------|-------|
| URANIUM-238 | SC-07101-S | 1.550 | 3.10 | PCI/G |
| URANIUM-238 | SC-07102-S | 2.085 | 4.17 | PCI/G |
| URANIUM-238 | SC-07107-S | 6.600 | 4.18 | PCI/G |
| URANIUM-238 | SC-07103-S | 2.125 | 4.25 | PCI/G |
| URANIUM-238 | SC-07108-S | 1.635 | 3.27 | PCI/G |
| URANIUM-238 | SC-07104-S | 2.075 | 4.15 | PCI/G |
| URANIUM-238 | SC-07113-S | 1.665 | 3.33 | PCI/G |
| URANIUM-238 | SC-07109-S | 3.080 | 3.26 | PCI/G |
| URANIUM-238 | SC-07105-S | 2.075 | 4.15 | PCI/G |
| URANIUM-238 | SC-07114-S | 2.185 | 4.37 | PCI/G |
| URANIUM-238 | SC-07110-S | 1.970 | 3.94 | PCI/G |
| URANIUM-238 | SC-07106-S | 2.400 | 2.13 | PCI/G |
| URANIUM-238 | SC-07112-C | 1.465 | 2.93 | PCI/G |
| URANIUM-238 | SC-07115-S | 1.520 | 3.04 | PCI/G |
| URANIUM-238 | SC-07111-S | 1.515 | 3.07 | PCI/G |
| URANIUM-238 | SC-07001-S | 6.720 | 4.13 | PCI/G |
| URANIUM-238 | SC-07120-S | 1.940 | 3.88 | PCI/G |
| URANIUM-238 | SC-07116-S | 1.500 | 3.00 | PCI/G |
| URANIUM-238 | SC-07112-S | 1.970 | 3.94 | PCI/G |
| URANIUM-238 | SC-07125-S | 1.990 | 3.98 | PCI/G |
| URANIUM-238 | SC-07121-S | 1.495 | 2.99 | PCI/G |
| URANIUM-238 | SC-07117-S | 1.605 | 3.21 | PCI/G |
| URANIUM-238 | SC-07010-S | 4.290 | 3.59 | PCI/G |
| URANIUM-238 | SC-07126-S | 1.490 | 2.98 | PCI/G |
| URANIUM-238 | SC-07122-S | 1.430 | 2.86 | PCI/G |
| URANIUM-238 | SC-07118-S | 2.185 | 4.37 | PCI/G |
| URANIUM-238 | SC-07127-S | 1.430 | 2.86 | PCI/G |
| URANIUM-238 | SC-07123-S | 1.495 | 2.99 | PCI/G |
| URANIUM-238 | SC-07019-S | 1.950 | 2.89 | PCI/G |
| URANIUM-238 | SC-07128-S | 1.990 | 3.98 | PCI/G |
| URANIUM-238 | SC-07124-S | 5.340 | 3.35 | PCI/G |
| URANIUM-238 | SC-07129-S | 2.700 | 2.87 | PCI/G |
| URANIUM-238 | SC-07027-S | 1.555 | 3.11 | PCI/G |
| URANIUM-238 | SC-07130-S | 2.040 | 4.08 | PCI/G |
| URANIUM-238 | SC-06901-S | 20.96 | 5.49 | PCI/G |

Average of URANIUM-238 values is 2.86 PCI/G, which is below ALARA, 30.0 PCI/G.  
 Maximum single value is 20.96 PCI/G, which is below criteria, 120.0 PCI/G.

## CU071 DATA REPORT (CONTINUED)

## THORIUM-230

NUMBER OF Thorium-230 SAMPLES IN DATABASE FOR THIS CU IS: 20

| PARAMETER   | LOCATION   | CONC | DL   | UNITS |
|-------------|------------|------|------|-------|
| Thorium-230 | SC-07104-S | 1.02 | 0.72 | PCI/G |
| Thorium-230 | SC-07113-S | 0.96 | 0.72 | PCI/G |
| Thorium-230 | SC-07114-S | 1.04 | 0.72 | PCI/G |
| Thorium-230 | SC-07110-S | 1.07 | 0.72 | PCI/G |
| Thorium-230 | SC-07106-S | 0.84 | 0.72 | PCI/G |
| Thorium-230 | SC-07119-S | 0.73 | 0.72 | PCI/G |
| Thorium-230 | SC-07115-S | 0.86 | 0.72 | PCI/G |
| Thorium-230 | SC-07120-S | 1.08 | 0.72 | PCI/G |
| Thorium-230 | SC-07116-S | 1.00 | 0.72 | PCI/G |
| Thorium-230 | SC-07112-S | 0.96 | 0.72 | PCI/G |
| Thorium-230 | SC-07121-S | 0.95 | 0.72 | PCI/G |
| Thorium-230 | SC-07117-S | 0.98 | 0.72 | PCI/G |
| Thorium-230 | SC-07122-S | 0.75 | 0.72 | PCI/G |
| Thorium-230 | SC-07118-S | 1.05 | 0.72 | PCI/G |
| Thorium-230 | SC-07123-S | 1.01 | 0.72 | PCI/G |
| Thorium-230 | SC-07128-S | 3.09 | 0.72 | PCI/G |
| Thorium-230 | SC-07124-S | 1.16 | 0.72 | PCI/G |
| Thorium-230 | SC-07129-S | 1.22 | 0.72 | PCI/G |
| Thorium-230 | SC-07130-S | 1.12 | 0.72 | PCI/G |
| Thorium-230 | SC-06901-S | 3.36 | 2.27 | PCI/G |

Average of Thorium-230 values is 1.2125 PCI/G, which is below ALARA, 5.0 PCI/G.  
Maximum single value is 3.36 PCI/G, which is below criteria, 6.2 PCI/G.

## CU071 DATA REPORT (CONTINUED)

## RADIUM-226

NUMBER OF RADIUM-226 SAMPLES IN DATABASE FOR THIS CU IS: 19

| PARAMETER  | LOCATION   | CONC   | DL   | UNITS |
|------------|------------|--------|------|-------|
| RADIUM-226 | SC-07104-S | 1.9522 | 0.37 | PCI/G |
| RADIUM-226 | SC-07113-S | 1.7706 | 0.32 | PCI/G |
| RADIUM-226 | SC-07114-S | 2.2927 | 0.21 | PCI/G |
| RADIUM-226 | SC-07110-S | 1.6344 | 0.27 | PCI/G |
| RADIUM-226 | SC-07106-S | 2.1111 | 0.27 | PCI/G |
| RADIUM-226 | SC-07119-S | 2.2700 | 0.02 | PCI/G |
| RADIUM-226 | SC-07115-S | 1.9976 | 0.21 | PCI/G |
| RADIUM-226 | SC-07120-S | 2.3154 | 0.40 | PCI/G |
| RADIUM-226 | SC-07116-S | 1.4753 | 0.29 | PCI/G |
| RADIUM-226 | SC-07112-S | 2.0884 | 0.38 | PCI/G |
| RADIUM-226 | SC-07121-S | 1.7933 | 0.29 | PCI/G |
| RADIUM-226 | SC-07117-S | 2.7013 | 0.26 | PCI/G |
| RADIUM-226 | SC-07122-S | 1.7252 | 0.31 | PCI/G |
| RADIUM-226 | SC-07118-S | 1.9068 | 0.33 | PCI/G |
| RADIUM-226 | SC-07123-S | 2.2246 | 0.30 | PCI/G |
| RADIUM-226 | SC-07128-S | 1.8614 | 0.29 | PCI/G |
| RADIUM-226 | SC-07124-S | 2.2700 | 0.42 | PCI/G |
| RADIUM-226 | SC-07129-S | 2.3608 | 0.37 | PCI/G |
| RADIUM-226 | SC-07130-S | 2.6105 | 0.31 | PCI/G |

Average of RADIUM-226 values is 2.0717 PCI/G, which is below ALARA of 5.0 PCI/G.  
Maximum single value is 2.7013 PCI/G, which is below criteria of 6.2 PCI/G.

## RADIUM-228

NUMBER OF RADIUM-228 SAMPLES IN DATABASE FOR THIS CU IS: 19

| PARAMETER  | LOCATION   | CONC | DL   | UNITS |
|------------|------------|------|------|-------|
| RADIUM-228 | SC-07104-S | 1.33 | 0.40 | PCI/G |
| RADIUM-228 | SC-07113-S | 1.36 | 0.38 | PCI/G |
| RADIUM-228 | SC-07114-S | 0.63 | 1.30 | PCI/G |
| RADIUM-228 | SC-07110-S | 1.05 | 0.56 | PCI/G |
| RADIUM-228 | SC-07106-S | 1.05 | 0.37 | PCI/G |
| RADIUM-228 | SC-07119-S | 1.31 | 0.46 | PCI/G |
| RADIUM-228 | SC-07115-S | 1.42 | 0.44 | PCI/G |
| RADIUM-228 | SC-07120-S | 1.42 | 0.54 | PCI/G |
| RADIUM-228 | SC-07116-S | 1.35 | 0.40 | PCI/G |
| RADIUM-228 | SC-07112-S | 1.09 | 0.52 | PCI/G |
| RADIUM-228 | SC-07121-S | 1.30 | 0.45 | PCI/G |
| RADIUM-228 | SC-07117-S | 1.17 | 0.40 | PCI/G |
| RADIUM-228 | SC-07122-S | 1.26 | 0.35 | PCI/G |
| RADIUM-228 | SC-07118-S | 1.42 | 0.64 | PCI/G |
| RADIUM-228 | SC-07123-S | 1.21 | 0.38 | PCI/G |
| RADIUM-228 | SC-07128-S | 1.11 | 0.55 | PCI/G |
| RADIUM-228 | SC-07124-S | 1.35 | 0.66 | PCI/G |
| RADIUM-228 | SC-07129-S | 0.91 | 0.51 | PCI/G |
| RADIUM-228 | SC-07130-S | 0.58 | 1.16 | PCI/G |

Average of RADIUM-228 values is 1.165 PCI/G, which is below ALARA of 5.0 PCI/G.  
Maximum single value is 1.42 PCI/G, which is below criteria of 6.2 PCI/G.

## CUMULATIVE DATA REPORT (CONTINUED)

## ARSENIC

NUMBER OF Arsenic SAMPLES IN DATABASE FOR THIS CU IS: 21

| PARAMETER | LOCATION   | CONC | DL   | UNITS |
|-----------|------------|------|------|-------|
| Arsenic   | SC-07104-S | 6.2  | 0.46 | UG/G  |
| Arsenic   | SC-07113-S | 6.4  | 0.43 | UG/G  |
| Arsenic   | SC-07114-S | 7.4  | 0.43 | UG/G  |
| Arsenic   | SC-07110-S | 15.2 | 0.43 | UG/G  |
| Arsenic   | SC-07106-S | 5.5  | 0.41 | UG/G  |
| Arsenic   | SC-07119-S | 3.8  | 0.45 | UG/G  |
| Arsenic   | SC-07115-S | 6.4  | 0.44 | UG/G  |
| Arsenic   | SC-07120-S | 3.0  | 0.44 | UG/G  |
| Arsenic   | SC-07116-S | 7.9  | 0.48 | UG/G  |
| Arsenic   | SC-07112-S | 8.8  | 0.45 | UG/G  |
| Arsenic   | SC-07121-S | 6.6  | 0.44 | UG/G  |
| Arsenic   | SC-07117-S | 5.3  | 0.42 | UG/G  |
| Arsenic   | SC-07122-S | 6.2  | 0.44 | UG/G  |
| Arsenic   | SC-07118-S | 5.9  | 0.45 | UG/G  |
| Arsenic   | SC-07123-S | 6.6  | 0.40 | UG/G  |
| Arsenic   | SC-07019-S | 10.3 | 0.43 | UG/G  |
| Arsenic   | SC-07128-S | 13.0 | 0.55 | UG/G  |
| Arsenic   | SC-07124-S | 8.8  | 0.44 | UG/G  |
| Arsenic   | SC-07129-S | 4.3  | 0.50 | UG/G  |
| Arsenic   | SC-07130-S | 15.4 | 0.51 | UG/G  |
| Arsenic   | SC-06901-S | 10.3 | 0.46 | UG/G  |

Average of Arsenic values is 7.776 UG/G, which is below ALARA of 45.0 UG/G.  
 Maximum single value is 15.4 UG/G, which is below criteria of 75 UG/G.

## CHROMIUM

NUMBER OF Chromium SAMPLES IN DATABASE FOR THIS CU IS: 21

| PARAMETER | LOCATION   | CONC | DL   | UNITS |
|-----------|------------|------|------|-------|
| Chromium  | SC-07104-S | 12.2 | 0.38 | UG/G  |
| Chromium  | SC-07113-S | 15.4 | 0.38 | UG/G  |
| Chromium  | SC-07114-S | 17.7 | 0.38 | UG/G  |
| Chromium  | SC-07110-S | 19.0 | 0.35 | UG/G  |
| Chromium  | SC-07106-S | 14.7 | 0.34 | UG/G  |
| Chromium  | SC-07119-S | 12.2 | 0.37 | UG/G  |
| Chromium  | SC-07115-S | 12.5 | 0.37 | UG/G  |
| Chromium  | SC-07120-S | 11.8 | 0.37 | UG/G  |
| Chromium  | SC-07116-S | 16.5 | 0.40 | UG/G  |
| Chromium  | SC-07112-S | 15.4 | 0.37 | UG/G  |
| Chromium  | SC-07121-S | 9.10 | 0.37 | UG/G  |
| Chromium  | SC-07117-S | 13.2 | 0.35 | UG/G  |
| Chromium  | SC-07122-S | 10.2 | 0.37 | UG/G  |
| Chromium  | SC-07118-S | 14.2 | 0.37 | UG/G  |
| Chromium  | SC-07123-S | 12.0 | 0.34 | UG/G  |
| Chromium  | SC-07019-S | 14.7 | 0.36 | UG/G  |
| Chromium  | SC-07128-S | 22.7 | 0.63 | UG/G  |
| Chromium  | SC-07124-S | 19.3 | 0.37 | UG/G  |
| Chromium  | SC-07129-S | 17.1 | 0.57 | UG/G  |
| Chromium  | SC-07130-S | 14.2 | 0.58 | UG/G  |
| Chromium  | SC-06901-S | 16.5 | 0.53 | UG/G  |

Average of Chromium values is 14.79 UG/G, which is below ALARA of 90.0 UG/G.  
 Maximum single value is 22.7 UG/G, which is below criteria of 110.0 UG/G.

## CU071 DATA REPORT (CONTINUED)

## LEAD

NUMBER OF Lead SAMPLES IN DATABASE FOR THIS CU IS: 21

| PARAMETER | LOCATION   | CONC | DL   | UNITS |
|-----------|------------|------|------|-------|
| Lead      | SC-07104-S | 11.2 | 0.20 | UG/G  |
| Lead      | SC-07113-S | 18.7 | 0.20 | UG/G  |
| Lead      | SC-07114-S | 15.4 | 0.20 | UG/G  |
| Lead      | SC-07110-S | 48.9 | 0.19 | UG/G  |
| Lead      | SC-07106-S | 10.9 | 0.18 | UG/G  |
| Lead      | SC-07119-S | 11.2 | 0.20 | UG/G  |
| Lead      | SC-07115-S | 12.8 | 0.20 | UG/G  |
| Lead      | SC-07120-S | 26.3 | 0.20 | UG/G  |
| Lead      | SC-07116-S | 22.2 | 0.21 | UG/G  |
| Lead      | SC-07112-S | 12.6 | 0.20 | UG/G  |
| Lead      | SC-07121-S | 10.5 | 0.20 | UG/G  |
| Lead      | SC-07117-S | 10.1 | 0.19 | UG/G  |
| Lead      | SC-07122-S | 11.9 | 0.20 | UG/G  |
| Lead      | SC-07118-S | 13.6 | 0.20 | UG/G  |
| Lead      | SC-07123-S | 9.3  | 0.18 | UG/G  |
| Lead      | SC-07019-S | 14.2 | 0.19 | UG/G  |
| Lead      | SC-07128-S | 17.1 | 0.38 | UG/G  |
| Lead      | SC-07124-S | 23.3 | 0.20 | UG/G  |
| Lead      | SC-07129-S | 10.9 | 0.35 | UG/G  |
| Lead      | SC-07130-S | 13.8 | 0.36 | UG/G  |
| Lead      | SC-06901-S | 101  | 0.32 | UG/G  |

Average of Lead values is 20.29 UG/G, which is below ALARA of 240.0 UG/G.  
 Maximum single value is 101 UG/G, which is below criteria of 450 UG/G.

## THALLIUM

NUMBER OF Thallium SAMPLES IN DATABASE FOR THIS CU IS: 19

| PARAMETER | LOCATION   | CONC  | DL   | UNITS |
|-----------|------------|-------|------|-------|
| Thallium  | SC-07104-S | 0.445 | 0.89 | UG/G  |
| Thallium  | SC-07113-S | 0.440 | 0.88 | UG/G  |
| Thallium  | SC-07114-S | 0.440 | 0.88 | UG/G  |
| Thallium  | SC-07110-S | 0.415 | 0.83 | UG/G  |
| Thallium  | SC-07106-S | 0.400 | 0.80 | UG/G  |
| Thallium  | SC-07119-S | 0.440 | 0.88 | UG/G  |
| Thallium  | SC-07115-S | 0.430 | 0.86 | UG/G  |
| Thallium  | SC-07120-S | 0.430 | 0.86 | UG/G  |
| Thallium  | SC-07116-S | 0.470 | 0.94 | UG/G  |
| Thallium  | SC-07112-S | 0.435 | 0.87 | UG/G  |
| Thallium  | SC-07121-S | 0.425 | 0.85 | UG/G  |
| Thallium  | SC-07117-S | 0.405 | 0.81 | UG/G  |
| Thallium  | SC-07122-S | 0.430 | 0.86 | UG/G  |
| Thallium  | SC-07118-S | 0.440 | 0.88 | UG/G  |
| Thallium  | SC-07123-S | 0.390 | 0.78 | UG/G  |
| Thallium  | SC-07128-S | 0.440 | 0.88 | UG/G  |
| Thallium  | SC-07124-S | 0.425 | 0.85 | UG/G  |
| Thallium  | SC-07129-S | 0.395 | 0.79 | UG/G  |
| Thallium  | SC-07130-S | 1.000 | 0.81 | UG/G  |

Average of Thallium values is 0.458 UG/G, which is below ALARA of 16.0 UG/G.  
 Maximum single value is 1.000 UG/G, which is below criteria of 20 UG/G.

## CU071 DATA REPORT (CONTINUED)

## PCBs

NUMBER OF PCB SAMPLES IN DATABASE FOR THIS CU IS: 21

| PARAMETER | LOCATION   | CONC | DL | UNITS |
|-----------|------------|------|----|-------|
| PCB       | SC-07104-S | 0    | 42 | UG/KG |
| PCB       | SC-07113-S | 0    | 42 | UG/KG |
| PCB       | SC-07114-S | 0    | 42 | UG/KG |
| PCB       | SC-07110-S | 0    | 39 | UG/KG |
| PCB       | SC-07106-S | 0    | 38 | UG/KG |
| PCB       | SC-07119-S | 0    | 41 | UG/KG |
| PCB       | SC-07115-S | 0    | 41 | UG/KG |
| PCB       | SC-07120-S | 0    | 41 | UG/KG |
| PCB       | SC-07116-S | 0    | 44 | UG/KG |
| PCB       | SC-07112-S | 0    | 41 | UG/KG |
| PCB       | SC-07121-S | 0    | 40 | UG/KG |
| PCB       | SC-07117-S | 0    | 38 | UG/KG |
| PCB       | SC-07122-S | 0    | 41 | UG/KG |
| PCB       | SC-07118-S | 0    | 42 | UG/KG |
| PCB       | SC-07123-S | 0    | 37 | UG/KG |
| PCB       | SC-07019-S | 0    | 40 | UG/KG |
| PCB       | SC-07128-S | 0    | 46 | UG/KG |
| PCB       | SC-07124-S | 0    | 40 | UG/KG |
| PCB       | SC-07129-S | 0    | 41 | UG/KG |
| PCB       | SC-07130-S | 0    | 42 | UG/KG |
| PCB       | SC-06901-S | 120  | 38 | UG/KG |

Average of PCB values is 5.714 UG/KG, which is below ALARA of 650 UG/KG.

Maximum single value is 120 UG/KG, which is below criteria of 8000 UG/KG.

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

ES&H 1.2.1.1, Rev. 1, 03/96

Page 1 of 2

SECTION I

1. Work Package Number: WP420 2. Date: 10/08/96 3. Review Form #: 96-074  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU072 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☒ Th-232 ☒ Ra-226 ☒ Ra-228  
☐ TNT ☒ PCB ☐ PAH ☒ As ☒ Cr ☒ Pb ☒ Ti

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter  | Size | Concentration | Complies with Plan?                                      |
|------------|------|---------------|--|
| <i>N/A</i> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: Michael J. Lutz Date: 10/08/96

12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: Steve Warner Date: 10/8/96  
15. DOE Project Manager/Engineer: Thomas C. Stanley Date: 10/8/96  
16. Project Manager: [Signature] Date: 10/8/96  
17. Construction Engineer: David G. Loper Date: 10/08/96

SEE ATTACHED RESULTS AND MAP



## CU072 DATA REPORT

## URANIUM-238

NUMBER OF URANIUM-238 SAMPLES IN DATABASE FOR THIS CU IS: 30

| PARAMETER     | LOCATION   | CONC  | DL   | UNITS |
|---------------|------------|-------|------|-------|
| 'URANIUM-238' | SC-07205-S | 5.910 | 4.74 | PCI/G |
| 'URANIUM-238' | SC-07202-S | 2.155 | 4.31 | PCI/G |
| 'URANIUM-238' | SC-07206-S | 1.780 | 3.56 | PCI/G |
| 'URANIUM-238' | SC-07203-S | 1.575 | 3.15 | PCI/G |
| 'URANIUM-238' | SC-07210-S | 2.115 | 4.23 | PCI/G |
| 'URANIUM-238' | SC-07207-S | 2.075 | 4.15 | PCI/G |
| 'URANIUM-238' | SC-07101-S | 1.550 | 3.10 | PCI/G |
| 'URANIUM-238' | SC-07211-S | 1.560 | 3.12 | PCI/G |
| 'URANIUM-238' | SC-07208-S | 1.635 | 3.27 | PCI/G |
| 'URANIUM-238' | SC-07215-S | 1.925 | 3.85 | PCI/G |
| 'URANIUM-238' | SC-07212-S | 2.070 | 4.14 | PCI/G |
| 'URANIUM-238' | SC-07107-S | 6.600 | 4.18 | PCI/G |
| 'URANIUM-238' | SC-07216-S | 1.585 | 3.17 | PCI/G |
| 'URANIUM-238' | SC-07213-S | 8.470 | 2.52 | PCI/G |
| 'URANIUM-238' | SC-07220-S | 1.810 | 3.62 | PCI/G |
| 'URANIUM-238' | SC-07217-S | 1.960 | 3.92 | PCI/G |
| 'URANIUM-238' | SC-07113-S | 1.665 | 3.33 | PCI/G |
| 'URANIUM-238' | SC-07221-S | 1.885 | 3.77 | PCI/G |
| 'URANIUM-238' | SC-07218-S | 1.615 | 3.23 | PCI/G |
| 'URANIUM-238' | SC-07225-S | 1.975 | 3.95 | PCI/G |
| 'URANIUM-238' | SC-07222-S | 7.540 | 4.45 | PCI/G |
| 'URANIUM-238' | SC-07119-S | 1.465 | 2.93 | PCI/G |
| 'URANIUM-238' | SC-07226-S | 1.505 | 3.01 | PCI/G |
| 'URANIUM-238' | SC-07223-S | 1.530 | 3.06 | PCI/G |
| 'URANIUM-238' | SC-07227-S | 6.070 | 2.23 | PCI/G |
| 'URANIUM-238' | SC-07125-S | 1.990 | 3.98 | PCI/G |
| 'URANIUM-238' | SC-07228-S | 1.945 | 3.89 | PCI/G |
| 'URANIUM-238' | SC-07601-S | 8.160 | 3.61 | PCI/G |
| 'URANIUM-238' | SC-07221-C | 1.515 | 3.03 | PCI/G |
| 'URANIUM-238' | SC-07228-C | 8.420 | 2.29 | PCI/G |

Average of URANIUM-238 values is 3.0685 PCI/G, which is below ALARA, 30.0 PCI/G.  
Maximum single value is 8.47 PCI/G, which is below criteria, 120.0 PCI/G.

## CU072 DATA REPORT (CONTINUED)

## THORIUM-230

NUMBER OF 'Thorium-230' SAMPLES IN DATABASE FOR THIS CU IS: 15

| PARAMETER     | LOCATION   | CONC | DL    | UNITS |
|---------------|------------|------|-------|-------|
| 'Thorium-230' | SC-07215-S | 0.88 | 0.72  | PCI/G |
| 'Thorium-230' | SC-07216-S | 1.04 | 0.72  | PCI/G |
| 'Thorium-230' | SC-07217-S | 0.97 | 0.72  | PCI/G |
| 'Thorium-230' | SC-07113-S | 0.96 | 0.72  | PCI/G |
| 'Thorium-230' | SC-07221-S | 1.28 | 0.72  | PCI/G |
| 'Thorium-230' | SC-07218-S | 0.86 | 0.72  | PCI/G |
| 'Thorium-230' | SC-07225-S | 0.35 | 0.042 | PCI/G |
| 'Thorium-230' | SC-07222-S | 2.00 | 0.72  | PCI/G |
| 'Thorium-230' | SC-07119-S | 0.73 | 0.72  | PCI/G |
| 'Thorium-230' | SC-07226-S | 0.74 | 0.041 | PCI/G |
| 'Thorium-230' | SC-07227-S | 1.07 | 0.041 | PCI/G |
| 'Thorium-230' | SC-07228-S | 1.05 | 0.048 | PCI/G |
| 'Thorium-230' | SC-07601-S | 0.82 | 0.72  | PCI/G |
| 'Thorium-230' | SC-07221-C | 0.97 | 0.72  | PCI/G |
| 'Thorium-230' | SC-07228-C | 1.25 | 0.72  | PCI/G |

Average of Thorium-230 values is 1.031 PCI/G, which is below ALARA, 5.0 PCI/G.  
Maximum single value is 2 PCI/G, which is below criteria, 6.2 PCI/G.

## CU072 DATA REPORT (CONTINUED)

## RADIUM-226

NUMBER OF 'RADIUM-226' SAMPLES IN DATABASE FOR THIS CU IS: 15

| PARAMETER    | LOCATION   | CONC   | DL   | UNITS |
|--------------|------------|--------|------|-------|
| 'RADIUM-226' | SC-07215-S | 2.1565 | 0.34 | PCI/G |
| 'RADIUM-226' | SC-07216-S | 2.1338 | 0.26 | PCI/G |
| 'RADIUM-226' | SC-07217-S | 1.7479 | 0.29 | PCI/G |
| 'RADIUM-226' | SC-07113-S | 1.7706 | 0.32 | PCI/G |
| 'RADIUM-226' | SC-07221-S | 1.8160 | 0.33 | PCI/G |
| 'RADIUM-226' | SC-07218-S | 1.7479 | 0.28 | PCI/G |
| 'RADIUM-226' | SC-07225-S | 1.7706 | 0.31 | PCI/G |
| 'RADIUM-226' | SC-07222-S | 2.4743 | 0.40 | PCI/G |
| 'RADIUM-226' | SC-07119-S | 2.2700 | 0.02 | PCI/G |
| 'RADIUM-226' | SC-07226-S | 1.8614 | 0.32 | PCI/G |
| 'RADIUM-226' | SC-07227-S | 1.9749 | 0.24 | PCI/G |
| 'RADIUM-226' | SC-07228-S | 0.8286 | 0.73 | PCI/G |
| 'RADIUM-226' | SC-07601-S | 2.1565 | 0.34 | PCI/G |
| 'RADIUM-226' | SC-07221-C | 1.7706 | 0.20 | PCI/G |
| 'RADIUM-226' | SC-07228-C | 2.2246 | 0.28 | PCI/G |

Average of 'RADIUM-226' values is 1.91361 PCI/G, which is below ALARA, 5.0 PCI/G.  
Maximum single value is 2.4743 PCI/G, which is below criteria, 6.2 PCI/G.

## RADIUM-228

NUMBER OF 'RADIUM-228' SAMPLES IN DATABASE FOR THIS CU IS: 15

| PARAMETER    | LOCATION   | CONC | DL   | UNITS |
|--------------|------------|------|------|-------|
| 'RADIUM-228' | SC-07215-S | 1.38 | 0.53 | PCI/G |
| 'RADIUM-228' | SC-07216-S | 1.34 | 0.34 | PCI/G |
| 'RADIUM-228' | SC-07217-S | 1.51 | 0.46 | PCI/G |
| 'RADIUM-228' | SC-07113-S | 1.36 | 0.38 | PCI/G |
| 'RADIUM-228' | SC-07221-S | 1.43 | 0.42 | PCI/G |
| 'RADIUM-228' | SC-07218-S | 1.62 | 0.41 | PCI/G |
| 'RADIUM-228' | SC-07225-S | 1.13 | 0.66 | PCI/G |
| 'RADIUM-228' | SC-07222-S | 1.64 | 0.25 | PCI/G |
| 'RADIUM-228' | SC-07119-S | 1.31 | 0.46 | PCI/G |
| 'RADIUM-228' | SC-07226-S | 1.20 | 0.40 | PCI/G |
| 'RADIUM-228' | SC-07227-S | 1.15 | 0.29 | PCI/G |
| 'RADIUM-228' | SC-07228-S | 1.39 | 0.43 | PCI/G |
| 'RADIUM-228' | SC-07601-S | 1.06 | 0.62 | PCI/G |
| 'RADIUM-228' | SC-07221-C | 1.34 | 0.50 | PCI/G |
| 'RADIUM-228' | SC-07228-C | 1.12 | 0.51 | PCI/G |

Average of RADIUM-228 values is 1.332 PCI/G, which is below ALARA, 5.0 PCI/G.  
Maximum single value is 1.64 PCI/G, which is below criteria, 6.2 PCI/G.

## CU072 DATA REPORT (CONTINUED)

## ARSENIC

NUMBER OF 'Arsenic' SAMPLES IN DATABASE FOR THIS CU IS: 11

| PARAMETER | LOCATION   | CONC | DL   | UNITS |
|-----------|------------|------|------|-------|
| 'Arsenic' | SC-07113-S | 6.4  | 0.45 | UG/G  |
| 'Arsenic' | SC-07221-S | 6.0  | 0.43 | UG/G  |
| 'Arsenic' | SC-07225-S | 5.9  | 0.47 | UG/G  |
| 'Arsenic' | SC-07222-S | 8.1  | 0.43 | UG/G  |
| 'Arsenic' | SC-07119-S | 3.8  | 0.45 | UG/G  |
| 'Arsenic' | SC-07226-S | 3.8  | 0.48 | UG/G  |
| 'Arsenic' | SC-07227-S | 7.1  | 0.48 | UG/G  |
| 'Arsenic' | SC-07228-S | 11.8 | 0.48 | UG/G  |
| 'Arsenic' | SC-07601-S | 6.3  | 0.45 | UG/G  |
| 'Arsenic' | SC-07221-C | 6.5  | 0.41 | UG/G  |
| 'Arsenic' | SC-07228-C | 5.9  | 0.41 | UG/G  |

Average of 'Arsenic' values is 6.509 UG/G, which is below ALARA, 40.0 UG/G.  
 Maximum single value is 11.8 UG/G, which is below criteria, 75 UG/G.

## CHROMIUM

NUMBER OF 'Chromium' SAMPLES IN DATABASE FOR THIS CU IS: 15

| PARAMETER  | LOCATION   | CONC | DL   | UNITS |
|------------|------------|------|------|-------|
| 'Chromium' | SC-07215-S | 16.3 | 0.37 | UG/G  |
| 'Chromium' | SC-07216-S | 14.2 | 0.37 | UG/G  |
| 'Chromium' | SC-07217-S | 11.8 | 0.37 | UG/G  |
| 'Chromium' | SC-07113-S | 15.4 | 0.38 | UG/G  |
| 'Chromium' | SC-07221-S | 13.9 | 0.36 | UG/G  |
| 'Chromium' | SC-07218-S | 19.8 | 0.38 | UG/G  |
| 'Chromium' | SC-07225-S | 17.3 | 0.54 | UG/G  |
| 'Chromium' | SC-07222-S | 17.0 | 0.36 | UG/G  |
| 'Chromium' | SC-07119-S | 12.2 | 0.37 | UG/G  |
| 'Chromium' | SC-07226-S | 10.4 | 0.55 | UG/G  |
| 'Chromium' | SC-07227-S | 10.3 | 0.55 | UG/G  |
| 'Chromium' | SC-07228-S | 30.7 | 0.55 | UG/G  |
| 'Chromium' | SC-07601-S | 18.9 | 0.52 | UG/G  |
| 'Chromium' | SC-07221-C | 15.4 | 0.34 | UG/G  |
| 'Chromium' | SC-07228-C | 14.7 | 0.34 | UG/G  |

Average of 'Chromium' values is 15.89 UG/G, which is below ALARA, 90.0 UG/G.  
 Maximum single value is 30.7 UG/G, which is below criteria, 110.0 UG/G.

## CU072 DATA REPORT (CONTINUED)

## LEAD

NUMBER OF 'Lead' SAMPLES IN DATABASE FOR THIS CU IS: 15

| PARAMETER | LOCATION   | CONC | DL   | UNITS |
|-----------|------------|------|------|-------|
| 'Lead'    | SC-07215-S | 15.0 | 0.20 | UG/G  |
| 'Lead'    | SC-07216-S | 15.9 | 0.20 | UG/G  |
| 'Lead'    | SC-07217-S | 14.5 | 0.20 | UG/G  |
| 'Lead'    | SC-07113-S | 18.7 | 0.20 | UG/G  |
| 'Lead'    | SC-07221-S | 19.3 | 0.19 | UG/G  |
| 'Lead'    | SC-07218-S | 18.8 | 0.20 | UG/G  |
| 'Lead'    | SC-07225-S | 14.3 | 0.33 | UG/G  |
| 'Lead'    | SC-07223-S | 18.2 | 0.19 | UG/G  |
| 'Lead'    | SC-07119-S | 11.2 | 0.20 | UG/G  |
| 'Lead'    | SC-07226-S | 7.3  | 0.34 | UG/G  |
| 'Lead'    | SC-07227-S | 14.8 | 0.33 | UG/G  |
| 'Lead'    | SC-07228-S | 36.3 | 0.34 | UG/G  |
| 'Lead'    | SC-07601-S | 12.7 | 0.31 | UG/G  |
| 'Lead'    | SC-07221-C | 11.7 | 0.18 | UG/G  |
| 'Lead'    | SC-07228-C | 19.2 | 0.18 | UG/G  |

Average of 'Lead' values is 16.53 UG/G, which is below ALARA, 240.0 UG/G.  
Maximum single value is 36.3 UG/G, which is below criteria, 450 UG/G.

## THALLIUM

NUMBER OF 'Thallium' SAMPLES IN DATABASE FOR THIS CU IS: 2

| PARAMETER  | LOCATION   | CONC | DL   | UNITS |
|------------|------------|------|------|-------|
| 'Thallium' | SC-07113-S | 0.44 | 0.88 | UG/G  |
| 'Thallium' | SC-07119-S | 0.44 | 0.88 | UG/G  |

Average of 'Thallium' values is 0.44 UG/G, which is below ALARA, 16.0 UG/G.  
Maximum single value is 0.44 UG/G, which is below criteria, 20 UG/G.

## CU072 DATA REPORT (CONTINUED)

## PCB:

NUMBER OF 'PCB' SAMPLES IN DATABASE FOR THIS CU IS: 15

| PARAMETER | LOCATION   | CONC | DL | UNITS |
|-----------|------------|------|----|-------|
| 'PCB'     | SC-07215-S | 0    | 41 | UG/KG |
| 'PCB'     | SC-07216-S | 0    | 41 | UG/KG |
| 'PCB'     | SC-07217-S | 0    | 41 | UG/KG |
| 'PCB'     | SC-07113-S | 0    | 42 | UG/KG |
| 'PCB'     | SC-07221-S | 0    | 39 | UG/KG |
| 'PCB'     | SC-07218-S | 0    | 42 | UG/KG |
| 'PCB'     | SC-07225-S | 0    | 39 | UG/KG |
| 'PCB'     | SC-07222-S | 0    | 40 | UG/KG |
| 'PCB'     | SC-07119-S | 0    | 41 | UG/KG |
| 'PCB'     | SC-07226-S | 0    | 40 | UG/KG |
| 'PCB'     | SC-07227-S | 400  | 39 | UG/KG |
| 'PCB'     | SC-07228-S | 0    | 40 | UG/KG |
| 'PCB'     | SC-07601-S | 0    | 37 | UG/KG |
| 'PCB'     | SC-07221-C | 0    | 38 | UG/KG |
| 'PCB'     | SC-07228-C | 222  | 38 | UG/KG |

Average of 'PCB' values is 41.53 UG/KG, which is below ALARA, 650 UG/KG.  
Maximum single value is 400 UG/KG, which is below criteria, 8000 UG/KG.

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 09.30.96 3. Review Form #: 96-0109  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU073 (map attached)  
6. Contaminants of Concern: X U-238 X Th-230    Th-232 X Ra-226 X Ra-228  
   TNT X PCB    PAH X As X Cr X Pb    TI

7. Results average below ALARA goal(s)? X Yes    No  
8. All results below cleanup criteria? X Yes    No  
9. Any results greater than 3X criteria?    Yes X No  
10. Hotspots present (less than 3X criteria)?    Yes X No

| Parameter  | Size | Concentration | Complies with Plan?        |
|------------|------|---------------|----------------------------|
| <u>N/A</u> |      |               | <u>  </u> Yes <u>  </u> No |
|            |      |               | <u>  </u> Yes <u>  </u> No |
|            |      |               | <u>  </u> Yes <u>  </u> No |
|            |      |               | <u>  </u> Yes <u>  </u> No |

11. Reviewer: Mel A. Ditz Date: 09/30/96  
12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)  
   Additional Excavation Required (Section IV)  
   ALARA Committee Required (Section III)

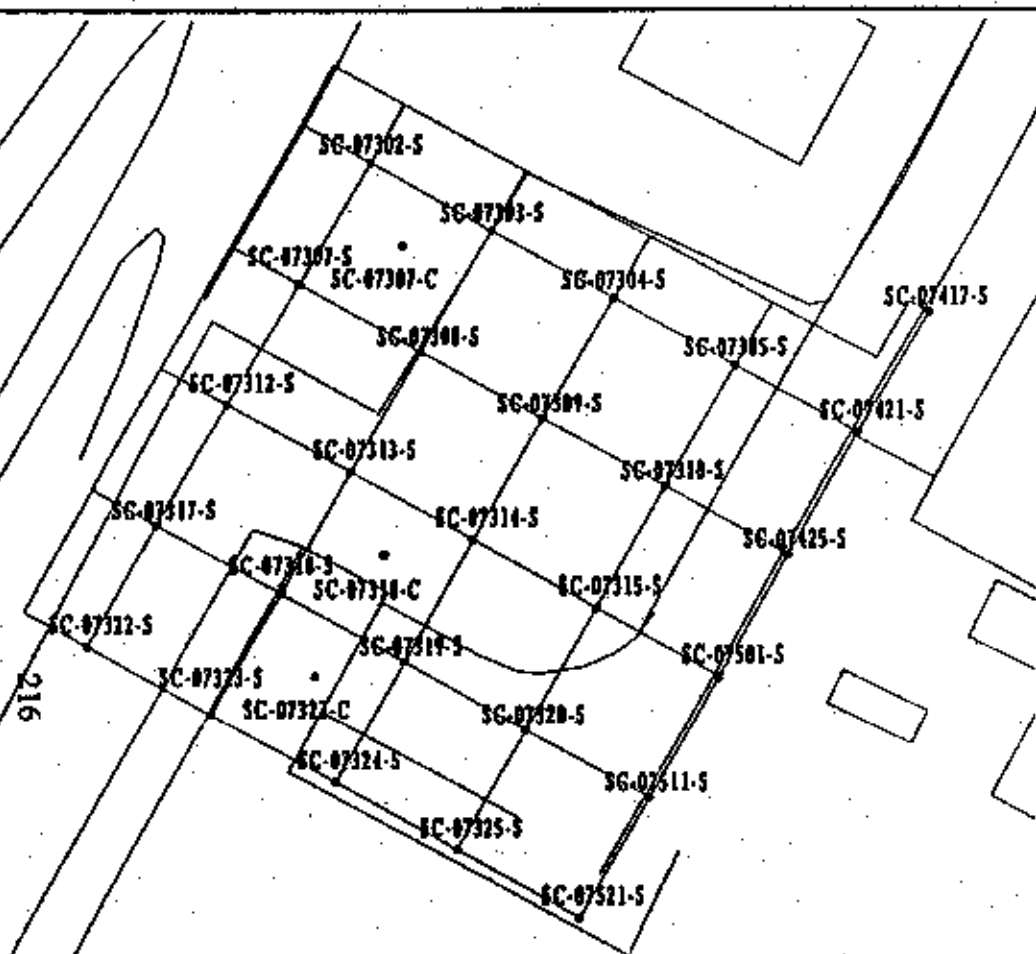
SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: [Signature] Date: 9/30/96  
15. DOE Project Manager/Engineer: Thomas C. Pauling Date: 9/30/96  
16. Project Manager: [Signature] Date: 9/30/96  
17. Construction Engineer: [Signature] Date: 9/30/96

SEE ATTACHED RESULTS AND MAP

No Utilities  
214



Review File # 96-009

Sample Locations in Remedial Unit RU007  
Confirmation Unit CU073

Figure B-54

|                            |                                 |
|----------------------------|---------------------------------|
| EXHIBIT NO.: A/CP/136/1295 | REPORT NO.: DOE/OR/21540-590    |
| ORIGINATOR: MGL            | DRAWN BY: WSSRAP GIS DATE: 3/96 |

## CU073 DATA REPORT

| PARAMETER | CONC | DL | LOCATION | UNITS |
|-----------|------|----|----------|-------|
|-----------|------|----|----------|-------|

## PCB (9 SAMPLES)

|         |        |            |       |
|---------|--------|------------|-------|
| 320.000 | 37.000 | SC-07317-S | UG/KG |
| 75.000  | 38.000 | SC-07318-S | UG/KG |
| 160.000 | 37.000 | SC-07318-C | UG/KG |
| 150.000 | 36.000 | SC-07323-S | UG/KG |
| 0.000   | 40.000 | SC-07323-S | UG/KG |
| 0.000   | 37.000 | SC-07323-C | UG/KG |
| 0.000   | 38.000 | SC-07417-S | UG/KG |
| 0.000   | 41.000 | SC-07421-S | UG/KG |
| 0.000   | 41.000 | SC-07425-S | UG/KG |

PCB AVERAGE = 78.333 UG/KG (0.078 MG/KG)

## ARSENIC (9 SAMPLES)

|        |       |            |      |
|--------|-------|------------|------|
| 9.300  | 0.450 | SC-07322-S | UG/G |
| 7.000  | 0.480 | SC-07323-S | UG/G |
| 7.550  | 0.490 | SC-07421-S | UG/G |
| 4.500  | 0.470 | SC-07417-S | UG/G |
| 4.900  | 0.490 | SC-07425-S | UG/G |
| 10.700 | 0.450 | SC-07317-S | UG/G |
| 7.700  | 0.460 | SC-07318-S | UG/G |
| 7.800  | 0.450 | SC-07318-C | UG/G |
| 7.300  | 0.440 | SC-07323-C | UG/G |

ARSENIC AVERAGE = 7.411 UG/G

## CHROMIUM (9 SAMPLES)

|        |       |            |      |
|--------|-------|------------|------|
| 16.800 | 0.550 | SC-07323-S | UG/G |
| 17.100 | 0.500 | SC-07323-S | UG/G |
| 15.000 | 0.560 | SC-07421-S | UG/G |
| 19.300 | 0.570 | SC-07425-S | UG/G |
| 15.900 | 0.540 | SC-07417-S | UG/G |
| 18.200 | 0.510 | SC-07323-C | UG/G |
| 15.400 | 0.520 | SC-07318-C | UG/G |
| 16.300 | 0.530 | SC-07318-S | UG/G |
| 15.500 | 0.510 | SC-07317-S | UG/G |

CHROMIUM AVERAGE = 16.611 UG/G

## CU073 DATA REPORT (CONTINUED)

| PARAMETER               | CONC   | DL    | LOCATION   | UNITS |
|-------------------------|--------|-------|------------|-------|
| <b>LEAD (9 SAMPLES)</b> |        |       |            |       |
|                         | 17.400 | 0.340 | SC-07421-S | UG/G  |
|                         | 9.400  | 0.330 | SC-07417-S | UG/G  |
|                         | 9.300  | 0.350 | SC-07425-S | UG/G  |
|                         | 12.200 | 0.340 | SC-07323-S | UG/G  |
|                         | 16.400 | 0.310 | SC-07322-S | UG/G  |
|                         | 27.900 | 0.310 | SC-07317-S | UG/G  |
|                         | 13.800 | 0.320 | SC-07318-S | UG/G  |
|                         | 14.200 | 0.320 | SC-07318-C | UG/G  |
|                         | 12.400 | 0.310 | SC-07323-C | UG/G  |

LEAD AVERAGE = 14.767 UG/G

## RADIUM-226 (9 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 2.406 | 0.290 | SC-07421-S | PCI/G |
| 2.429 | 0.320 | SC-07417-S | PCI/G |
| 2.315 | 0.260 | SC-07323-C | PCI/G |
| 2.384 | 0.320 | SC-07318-S | PCI/G |
| 2.406 | 0.270 | SC-07318-C | PCI/G |
| 2.497 | 0.380 | SC-07317-S | PCI/G |
| 1.589 | 0.310 | SC-07425-S | PCI/G |
| 2.452 | 0.330 | SC-07322-S | PCI/G |
| 2.520 | 0.360 | SC-07323-S | PCI/G |

RADIUM-226 AVERAGE = 2.333 PCI/G

## RADIUM-228 (9 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 1.370 | 0.490 | SC-07317-S | PCI/G |
| 1.550 | 0.720 | SC-07318-C | PCI/G |
| 1.150 | 0.420 | SC-07323-C | PCI/G |
| 1.550 | 0.320 | SC-07318-S | PCI/G |
| 0.960 | 0.430 | SC-07323-S | PCI/G |
| 1.250 | 0.420 | SC-07322-S | PCI/G |
| 1.330 | 0.430 | SC-07425-S | PCI/G |
| 1.380 | 0.540 | SC-07421-S | PCI/G |
| 1.220 | 0.420 | SC-07417-S | PCI/G |

RADIUM-228 AVERAGE = 1.307 PCI/G

## THORIUM-230 (9 SAMPLES)

|       |       |            |       |
|-------|-------|------------|-------|
| 1.130 | 0.720 | SC-07318-S | PCI/G |
| 0.920 | 0.720 | SC-07323-C | PCI/G |
| 1.110 | 0.720 | SC-07318-C | PCI/G |
| 2.030 | 0.720 | SC-07317-S | PCI/G |
| 1.320 | 0.720 | SC-07322-S | PCI/G |
| 1.030 | 0.720 | SC-07323-S | PCI/G |
| 1.360 | 0.040 | SC-07417-S | PCI/G |
| 1.200 | 0.041 | SC-07421-S | PCI/G |
| 1.020 | 0.034 | SC-07425-S | PCI/G |

THORIUM-230 AVERAGE = 1.236 PCI/G

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## CU073 DATA REPORT (CONTINUED)

| PARAMETER                         | CONC.  | DL    | LOCATION   | UNITS |
|-----------------------------------|--------|-------|------------|-------|
| URANIUM-238 (29 SAMPLES)          |        |       |            |       |
|                                   | 3.270  | 2.660 | SC-07521-S | PCI/G |
|                                   | 1.480  | 2.960 | SC-07511-S | PCI/G |
|                                   | 1.900  | 3.800 | SC-07425-S | PCI/G |
|                                   | 1.960  | 3.920 | SC-07501-S | PCI/G |
|                                   | 2.420  | 4.840 | SC-07421-S | PCI/G |
|                                   | 2.235  | 4.470 | SC-07417-S | PCI/G |
|                                   | 14.760 | 3.120 | SC-07322-S | PCI/G |
|                                   | 1.700  | 3.400 | SC-07323-S | PCI/G |
|                                   | 1.515  | 3.030 | SC-07324-S | PCI/G |
|                                   | 2.085  | 4.170 | SC-07325-S | PCI/G |
|                                   | 2.185  | 4.370 | SC-07302-S | PCI/G |
|                                   | 1.745  | 3.490 | SC-07303-S | PCI/G |
|                                   | 1.470  | 2.940 | SC-07304-S | PCI/G |
|                                   | 6.660  | 2.810 | SC-07305-S | PCI/G |
|                                   | 8.200  | 2.920 | SC-07307-C | PCI/G |
|                                   | 6.310  | 3.940 | SC-07307-S | PCI/G |
|                                   | 8.210  | 2.240 | SC-07308-S | PCI/G |
|                                   | 3.070  | 3.620 | SC-07309-S | PCI/G |
|                                   | 1.570  | 3.140 | SC-07310-S | PCI/G |
|                                   | 8.510  | 3.120 | SC-07312-S | PCI/G |
|                                   | 20.340 | 3.300 | SC-07313-S | PCI/G |
|                                   | 2.125  | 4.250 | SC-07314-S | PCI/G |
|                                   | 1.480  | 2.960 | SC-07315-S | PCI/G |
|                                   | 14.740 | 4.900 | SC-07317-S | PCI/G |
|                                   | 2.170  | 4.340 | SC-07318-C | PCI/G |
|                                   | 4.460  | 2.590 | SC-07318-S | PCI/G |
|                                   | 1.880  | 3.760 | SC-07319-S | PCI/G |
|                                   | 1.505  | 3.010 | SC-07320-S | PCI/G |
|                                   | 1.620  | 3.240 | SC-07323-C | PCI/G |
| URANIUM-238 AVERAGE = 4.666 PCI/G |        |       |            |       |

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 09/09/96 3. Review Form #: 96-050  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU074 (map attached)  
6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228  
TNT X PCB PAH X As X Cr X Pb Ti

7. Results average below ALARA goal(s)? X Yes No  
8. All results below cleanup criteria? X Yes No  
9. Any results greater than 3X criteria? Yes X No  
10. Hotspots present (less than 3X criteria)? Yes X No

| Parameter  | Size | Concentration | Complies with Plan?  |
|------------|------|---------------|----------------------|
| <u>N/A</u> |      |               | <u>Yes</u> <u>No</u> |
|            |      |               | <u>Yes</u> <u>No</u> |
|            |      |               | <u>Yes</u> <u>No</u> |
|            |      |               | <u>Yes</u> <u>No</u> |

11. Reviewer: Melvin A. Lutz Date: 9/9/96

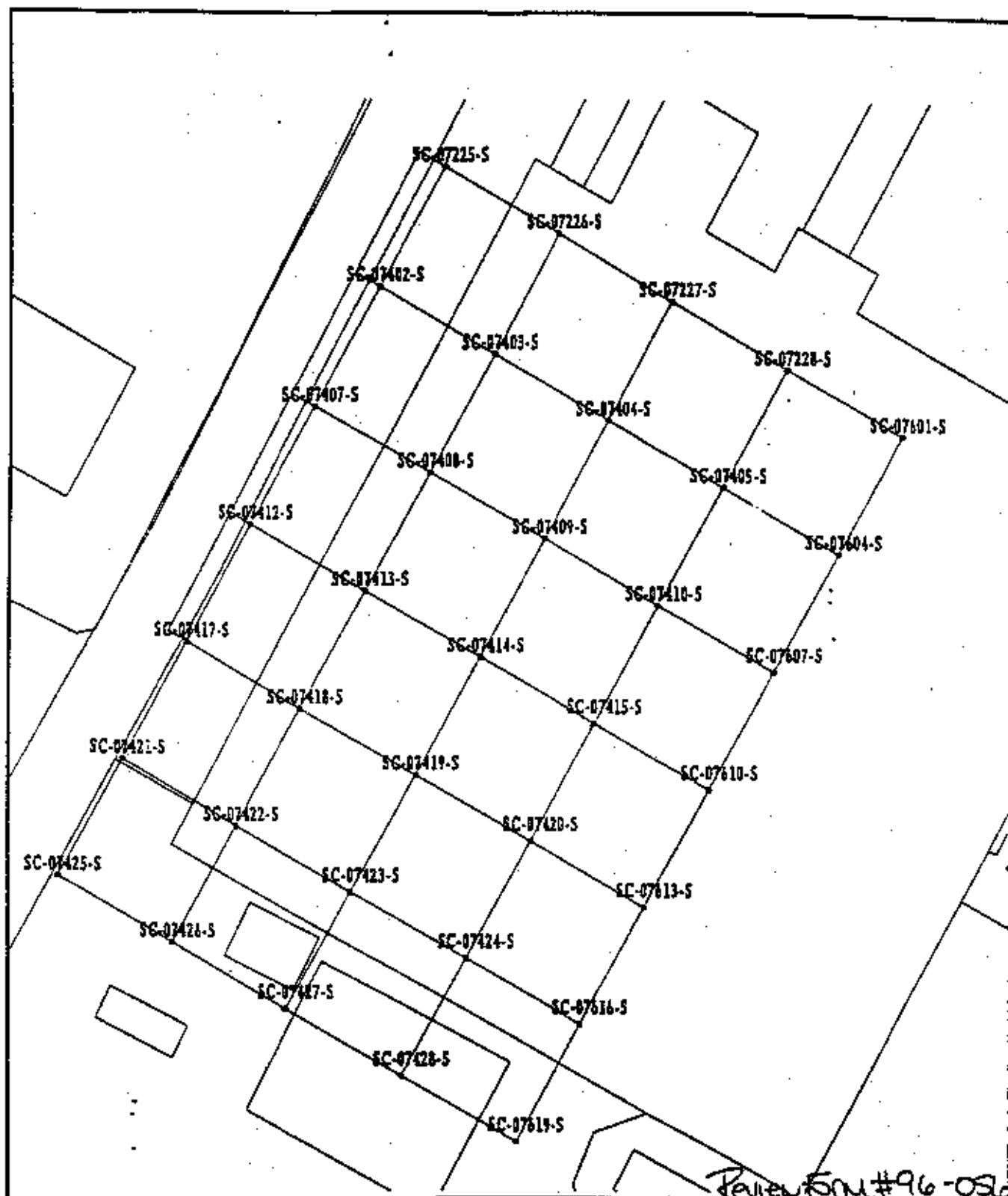
12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)  
Additional Excavation Required (Section IV)  
ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: [Signature] Date: 9/9/96  
15. DOE Project Manager/Engineer: [Signature] Date: 9/9/96  
16. Project Manager: [Signature] Date: 9/9/96  
17. Construction Engineer: [Signature] Date: 9/9/96

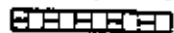
SEE ATTACHED RESULTS AND MAP



10      5      0      METERS



30 15 0 FEET



Sample Locations in Remedial Unit RU007  
Confirmation Unit CU074

**Figure B-55**

## EXHIBIT NO. 22

A/CP/137/1295

**REPORT NO.:**

DOE/OR/21548-590

**ORIGINATOR**

**MGL**

**PLAN 12**

WSSRAP GIS

**DATE:**

3196

09/09/96

PAGE 1

## CU074 DATA REPORT

| PARAMETER        | CONC    | DL     | LOCATION   | UNITS |
|------------------|---------|--------|------------|-------|
| PCB (35 SAMPLES) |         |        |            |       |
|                  | 0.000   | 37.000 | SC-07601-S | UG/KG |
|                  | 0.000   | 40.000 | SC-07604-S | UG/KG |
|                  | 0.000   | 38.000 | SC-07607-S | UG/KG |
|                  | 0.000   | 38.000 | SC-07610-S | UG/KG |
|                  | 0.000   | 40.000 | SC-07613-S | UG/KG |
|                  | 0.000   | 39.000 | SC-07616-S | UG/KG |
|                  | 0.000   | 40.000 | SC-07619-S | UG/KG |
|                  | 0.000   | 42.000 | SC-07424-S | UG/KG |
|                  | 0.000   | 39.000 | SC-07225-S | UG/KG |
|                  | 0.000   | 40.000 | SC-07226-S | UG/KG |
|                  | 400.000 | 39.000 | SC-07227-S | UG/KG |
|                  | 0.000   | 40.000 | SC-07228-S | UG/KG |
|                  | 42.000  | 39.000 | SC-07403-S | UG/KG |
|                  | 0.000   | 42.000 | SC-07402-S | UG/KG |
|                  | 0.000   | 40.000 | SC-07401-S | UG/KG |
|                  | 0.000   | 39.000 | SC-07405-S | UG/KG |
|                  | 0.000   | 41.000 | SC-07425-S | UG/KG |
|                  | 0.000   | 40.000 | SC-07407-S | UG/KG |
|                  | 0.000   | 35.000 | SC-07423-S | UG/KG |
|                  | 57.000  | 40.000 | SC-07408-S | UG/KG |
|                  | 0.000   | 41.000 | SC-07409-S | UG/KG |
|                  | 0.000   | 40.000 | SC-07428-S | UG/KG |
|                  | 0.000   | 41.000 | SC-07418-S | UG/KG |
|                  | 0.000   | 38.000 | SC-07412-S | UG/KG |
|                  | 0.000   | 40.000 | SC-07413-S | UG/KG |
|                  | 0.000   | 42.000 | SC-07426-S | UG/KG |
|                  | 0.000   | 39.000 | SC-07414-S | UG/KG |
|                  | 0.000   | 38.000 | SC-07417-S | UG/KG |
|                  | 0.000   | 38.000 | SC-07415-S | UG/KG |
|                  | 0.000   | 40.000 | SC-07422-S | UG/KG |
|                  | 0.000   | 40.000 | SC-07418-S | UG/KG |
|                  | 0.000   | 41.000 | SC-07419-S | UG/KG |
|                  | 0.000   | 38.000 | SC-07427-S | UG/KG |
|                  | 0.000   | 39.000 | SC-07420-S | UG/KG |
|                  | 0.000   | 41.000 | SC-07421-S | UG/KG |

PCB AVERAGE = 14.257 UG/KG (0.014 MG/KG)

## CU074 DATA REPORT (CONTINUED)

| PARAMETER            | CONC   | DL    | LOCATION   | UNITS |
|----------------------|--------|-------|------------|-------|
| ARSENIC (35 SAMPLES) |        |       |            |       |
|                      | 6.500  | 0.460 | SC-07610-S | UG/G  |
|                      | 6.200  | 0.470 | SC-07607-S | UG/G  |
|                      | 8.000  | 0.480 | SC-07604-S | UG/G  |
|                      | 6.300  | 0.450 | SC-07601-S | UG/G  |
|                      | 3.800  | 0.480 | SC-07226-S | UG/G  |
|                      | 5.900  | 0.470 | SC-07225-S | UG/G  |
|                      | 7.100  | 0.480 | SC-07227-S | UG/G  |
|                      | 4.900  | 0.490 | SC-07425-S | UG/G  |
|                      | 4.900  | 0.500 | SC-07402-S | UG/G  |
|                      | 11.800 | 0.480 | SC-07228-S | UG/G  |
|                      | 6.700  | 0.470 | SC-07403-S | UG/G  |
|                      | 7.900  | 0.470 | SC-07405-S | UG/G  |
|                      | 3.500  | 0.490 | SC-07404-S | UG/G  |
|                      | 3.800  | 0.510 | SC-07424-S | UG/G  |
|                      | 6.900  | 0.480 | SC-07407-S | UG/G  |
|                      | 6.000  | 0.480 | SC-07408-S | UG/G  |
|                      | 6.900  | 0.500 | SC-07410-S | UG/G  |
|                      | 10.800 | 0.500 | SC-07409-S | UG/G  |
|                      | 7.000  | 0.510 | SC-07426-S | UG/G  |
|                      | 7.500  | 0.460 | SC-07412-S | UG/G  |
|                      | 6.000  | 0.490 | SC-07413-S | UG/G  |
|                      | 5.300  | 0.470 | SC-07414-S | UG/G  |
|                      | 6.600  | 0.460 | SC-07415-S | UG/G  |
|                      | 5.000  | 0.480 | SC-07428-S | UG/G  |
|                      | 6.500  | 0.430 | SC-07423-S | UG/G  |
|                      | 4.500  | 0.470 | SC-07417-S | UG/G  |
|                      | 5.500  | 0.490 | SC-07419-S | UG/G  |
|                      | 2.800  | 0.480 | SC-07418-S | UG/G  |
|                      | 5.400  | 0.470 | SC-07420-S | UG/G  |
|                      | 6.000  | 0.460 | SC-07427-S | UG/G  |
|                      | 4.500  | 0.480 | SC-07422-S | UG/G  |
|                      | 7.500  | 0.490 | SC-07421-S | UG/G  |
|                      | 7.000  | 0.480 | SC-07619-S | UG/G  |
|                      | 6.200  | 0.480 | SC-07616-S | UG/G  |
|                      | 7.000  | 0.490 | SC-07613-S | UG/G  |

ARSENIC AVERAGE = 6.234 UG/G

## CU074 DATA REPORT (CONTINUED)

| PARAMETER                      | CONC   | DL    | LOCATION   | UNITS |
|--------------------------------|--------|-------|------------|-------|
| CHROMIUM (35 SAMPLES)          |        |       |            |       |
|                                | 13.100 | 0.550 | SC-07422-S | UG/G  |
|                                | 17.000 | 0.530 | SC-07427-S | UG/G  |
|                                | 15.000 | 0.560 | SC-07421-S | UG/G  |
|                                | 13.800 | 0.560 | SC-07428-S | UG/G  |
|                                | 11.500 | 0.560 | SC-07413-S | UG/G  |
|                                | 17.700 | 0.490 | SC-07423-S | UG/G  |
|                                | 11.900 | 0.530 | SC-07412-S | UG/G  |
|                                | 15.100 | 0.590 | SC-07426-S | UG/G  |
|                                | 20.400 | 0.570 | SC-07409-S | UG/G  |
|                                | 18.900 | 0.570 | SC-07410-S | UG/G  |
|                                | 16.400 | 0.560 | SC-07408-S | UG/G  |
|                                | 14.600 | 0.550 | SC-07407-S | UG/G  |
|                                | 14.100 | 0.560 | SC-07404-S | UG/G  |
|                                | 13.700 | 0.590 | SC-07424-S | UG/G  |
|                                | 17.200 | 0.540 | SC-07405-S | UG/G  |
|                                | 22.900 | 0.540 | SC-07403-S | UG/G  |
|                                | 30.700 | 0.550 | SC-07228-S | UG/G  |
|                                | 19.300 | 0.570 | SC-07425-S | UG/G  |
|                                | 17.900 | 0.580 | SC-07402-S | UG/G  |
|                                | 10.300 | 0.590 | SC-07227-S | UG/G  |
|                                | 17.300 | 0.540 | SC-07225-S | UG/G  |
|                                | 10.400 | 0.550 | SC-07226-S | UG/G  |
|                                | 17.800 | 0.550 | SC-07616-S | UG/G  |
|                                | 16.000 | 0.540 | SC-07607-S | UG/G  |
|                                | 14.200 | 0.550 | SC-07604-S | UG/G  |
|                                | 16.200 | 0.530 | SC-07610-S | UG/G  |
|                                | 18.900 | 0.520 | SC-07601-S | UG/G  |
|                                | 13.100 | 0.570 | SC-07419-S | UG/G  |
|                                | 9.400  | 0.550 | SC-07418-S | UG/G  |
|                                | 12.300 | 0.550 | SC-07420-S | UG/G  |
|                                | 19.400 | 0.560 | SC-07613-S | UG/G  |
|                                | 17.600 | 0.550 | SC-07619-S | UG/G  |
|                                | 23.900 | 0.530 | SC-07415-S | UG/G  |
|                                | 12.700 | 0.540 | SC-07414-S | UG/G  |
|                                | 15.900 | 0.540 | SC-07417-S | UG/G  |
| CHROMIUM AVERAGE = 16.217 UG/G |        |       |            |       |

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## CU074 DATA REPORT (CONTINUED)

| PARAMETER         | CONC   | DL    | LOCATION   | UNITS |
|-------------------|--------|-------|------------|-------|
| LEAD (35 SAMPLES) |        |       |            |       |
|                   | 9.700  | 0.330 | SC-07607-S | UG/G  |
|                   | 13.000 | 0.320 | SC-07610-S | UG/G  |
|                   | 14.300 | 0.330 | SC-07225-S | UG/G  |
|                   | 7.300  | 0.340 | SC-07226-S | UG/G  |
|                   | 9.200  | 0.350 | SC-07425-S | UG/G  |
|                   | 14.800 | 0.330 | SC-07227-S | UG/G  |
|                   | 17.400 | 0.340 | SC-07421-S | UG/G  |
|                   | 9.600  | 0.340 | SC-07422-S | UG/G  |
|                   | 8.900  | 0.320 | SC-07427-S | UG/G  |
|                   | 9.800  | 0.330 | SC-07420-S | UG/G  |
|                   | 6.900  | 0.340 | SC-07418-S | UG/G  |
|                   | 9.300  | 0.350 | SC-07419-S | UG/G  |
|                   | 9.400  | 0.330 | SC-07417-S | UG/G  |
|                   | 9.000  | 0.330 | SC-07414-S | UG/G  |
|                   | 12.800 | 0.320 | SC-07415-S | UG/G  |
|                   | 16.300 | 0.340 | SC-07428-S | UG/G  |
|                   | 15.200 | 0.340 | SC-07413-S | UG/G  |
|                   | 15.300 | 0.300 | SC-07423-S | UG/G  |
|                   | 15.300 | 0.330 | SC-07412-S | UG/G  |
|                   | 10.100 | 0.360 | SC-07426-S | UG/G  |
|                   | 17.800 | 0.350 | SC-07410-S | UG/G  |
|                   | 18.500 | 0.350 | SC-07409-S | UG/G  |
|                   | 11.300 | 0.340 | SC-07408-S | UG/G  |
|                   | 9.200  | 0.340 | SC-07407-S | UG/G  |
|                   | 8.400  | 0.340 | SC-07404-S | UG/G  |
|                   | 18.600 | 0.330 | SC-07405-S | UG/G  |
|                   | 10.500 | 0.360 | SC-07424-S | UG/G  |
|                   | 14.700 | 0.330 | SC-07403-S | UG/G  |
|                   | 36.300 | 0.340 | SC-07228-S | UG/G  |
|                   | 14.400 | 0.350 | SC-07402-S | UG/G  |
|                   | 12.800 | 0.340 | SC-07619-S | UG/G  |
|                   | 12.700 | 0.310 | SC-07601-S | UG/G  |
|                   | 15.400 | 0.340 | SC-07604-S | UG/G  |
|                   | 9.500  | 0.330 | SC-07616-S | UG/G  |
|                   | 11.800 | 0.340 | SC-07613-S | UG/G  |

LEAD AVERAGE = 13.014 UG/G

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## CU074 DATA REPORT (CONTINUED)

| PARAMETER                        | CONC  | DL    | LOCATION   | UNITS |
|----------------------------------|-------|-------|------------|-------|
| RADIUM-226 (35 SAMPLES)          |       |       |            |       |
|                                  | 2.043 | 0.320 | SC-07604-S | PCU/G |
|                                  | 1.816 | 0.250 | SC-07607-S | PCU/G |
|                                  | 2.111 | 0.290 | SC-07610-S | PCU/G |
|                                  | 2.157 | 0.340 | SC-07601-S | PCU/G |
|                                  | 2.088 | 0.340 | SC-07428-S | PCU/G |
|                                  | 2.020 | 0.260 | SC-07427-S | PCU/G |
|                                  | 1.771 | 0.320 | SC-07426-S | PCU/G |
|                                  | 1.589 | 0.310 | SC-07425-S | PCU/G |
|                                  | 1.657 | 0.330 | SC-07424-S | PCU/G |
|                                  | 1.998 | 0.230 | SC-07423-S | PCU/G |
|                                  | 2.088 | 0.290 | SC-07422-S | PCU/G |
|                                  | 2.406 | 0.190 | SC-07421-S | PCU/G |
|                                  | 2.384 | 0.340 | SC-07420-S | PCU/G |
|                                  | 1.975 | 0.190 | SC-07419-S | PCU/G |
|                                  | 1.680 | 0.300 | SC-07418-S | PCU/G |
|                                  | 2.429 | 0.320 | SC-07417-S | PCU/G |
|                                  | 2.406 | 0.220 | SC-07415-S | PCU/G |
|                                  | 1.861 | 0.290 | SC-07414-S | PCU/G |
|                                  | 1.748 | 0.310 | SC-07413-S | PCU/G |
|                                  | 2.225 | 0.260 | SC-07412-S | PCU/G |
|                                  | 2.361 | 0.360 | SC-07410-S | PCU/G |
|                                  | 1.816 | 0.320 | SC-07409-S | PCU/G |
|                                  | 1.930 | 0.250 | SC-07408-S | PCU/G |
|                                  | 1.930 | 0.330 | SC-07407-S | PCU/G |
|                                  | 2.520 | 0.260 | SC-07405-S | PCU/G |
|                                  | 1.725 | 0.280 | SC-07404-S | PCU/G |
|                                  | 1.952 | 0.330 | SC-07403-S | PCU/G |
|                                  | 1.771 | 0.180 | SC-07402-S | PCU/G |
|                                  | 0.829 | 0.730 | SC-07228-S | PCU/G |
|                                  | 1.975 | 0.240 | SC-07227-S | PCU/G |
|                                  | 1.861 | 0.320 | SC-07226-S | PCU/G |
|                                  | 1.771 | 0.310 | SC-07225-S | PCU/G |
|                                  | 1.839 | 0.280 | SC-07613-S | PCU/G |
|                                  | 1.793 | 0.300 | SC-07616-S | PCU/G |
|                                  | 2.111 | 0.230 | SC-07619-S | PCU/G |
| RADIUM-226 AVERAGE = 1.961 PCU/G |       |       |            |       |

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## CU074 DATA REPORT (CONTINUED)

| PARAMETER               | CONC  | DL    | LOCATION   | UNITS |
|-------------------------|-------|-------|------------|-------|
| RADIUM-228 (35 SAMPLES) |       |       |            |       |
|                         | 1.350 | 0.420 | SC-07428-S | PCU/G |
|                         | 1.210 | 0.410 | SC-07427-S | PCU/G |
|                         | 1.010 | 0.390 | SC-07426-S | PCU/G |
|                         | 1.330 | 0.430 | SC-07425-S | PCU/G |
|                         | 0.930 | 0.560 | SC-07424-S | PCU/G |
|                         | 1.170 | 0.350 | SC-07423-S | PCU/G |
|                         | 1.210 | 0.380 | SC-07422-S | PCU/G |
|                         | 1.380 | 0.540 | SC-07421-S | PCU/G |
|                         | 1.300 | 0.440 | SC-07420-S | PCU/G |
|                         | 1.260 | 0.430 | SC-07419-S | PCU/G |
|                         | 1.310 | 0.580 | SC-07418-S | PCU/G |
|                         | 1.220 | 0.420 | SC-07417-S | PCU/G |
|                         | 1.150 | 0.370 | SC-07415-S | PCU/G |
|                         | 1.350 | 0.150 | SC-07414-S | PCU/G |
|                         | 1.170 | 0.420 | SC-07413-S | PCU/G |
|                         | 1.210 | 0.420 | SC-07412-S | PCU/G |
|                         | 0.645 | 1.290 | SC-07410-S | PCU/G |
|                         | 0.940 | 0.520 | SC-07409-S | PCU/G |
|                         | 0.980 | 0.520 | SC-07408-S | PCU/G |
|                         | 1.150 | 0.380 | SC-07407-S | PCU/G |
|                         | 1.440 | 0.390 | SC-07405-S | PCU/G |
|                         | 1.160 | 0.460 | SC-07404-S | PCU/G |
|                         | 1.390 | 0.480 | SC-07403-S | PCU/G |
|                         | 1.170 | 0.470 | SC-07402-S | PCU/G |
|                         | 1.390 | 0.430 | SC-07228-S | PCU/G |
|                         | 1.150 | 0.290 | SC-07227-S | PCU/G |
|                         | 1.200 | 0.400 | SC-07226-S | PCU/G |
|                         | 1.130 | 0.660 | SC-07225-S | PCU/G |
|                         | 1.100 | 0.330 | SC-07610-S | PCU/G |
|                         | 1.110 | 0.440 | SC-07607-S | PCU/G |
|                         | 1.180 | 0.410 | SC-07604-S | PCU/G |
|                         | 1.060 | 0.620 | SC-07601-S | PCU/G |
|                         | 1.330 | 0.330 | SC-07619-S | PCU/G |
|                         | 1.200 | 0.350 | SC-07616-S | PCU/G |
|                         | 1.350 | 0.430 | SC-07613-S | PCU/G |

RADIUM-228 AVERAGE = 1.192 PCU/G

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## CU074 DATA REPORT (CONTINUED)

| PARAMETER                | CONC  | DL    | LOCATION   | UNITS |
|--------------------------|-------|-------|------------|-------|
| THORIUM-230 (35 SAMPLES) |       |       |            |       |
|                          | 0.870 | 0.039 | SC-07426-S | PCI/G |
|                          | 1.020 | 0.034 | SC-07425-S | PCI/G |
|                          | 0.930 | 0.031 | SC-07424-S | PCI/G |
|                          | 0.820 | 0.037 | SC-07423-S | PCI/G |
|                          | 0.850 | 0.040 | SC-07422-S | PCI/G |
|                          | 1.200 | 0.041 | SC-07421-S | PCI/G |
|                          | 0.950 | 0.049 | SC-07420-S | PCI/G |
|                          | 0.870 | 0.034 | SC-07419-S | PCI/G |
|                          | 0.860 | 0.037 | SC-07418-S | PCI/G |
|                          | 1.360 | 0.040 | SC-07417-S | PCI/G |
|                          | 1.200 | 0.051 | SC-07415-S | PCI/G |
|                          | 0.810 | 0.042 | SC-07414-S | PCI/G |
|                          | 0.900 | 0.034 | SC-07413-S | PCI/G |
|                          | 1.080 | 0.047 | SC-07412-S | PCI/G |
|                          | 1.050 | 0.043 | SC-07410-S | PCI/G |
|                          | 0.960 | 0.039 | SC-07409-S | PCI/G |
|                          | 0.630 | 0.025 | SC-07408-S | PCI/G |
|                          | 0.770 | 0.033 | SC-07407-S | PCI/G |
|                          | 1.130 | 0.040 | SC-07405-S | PCI/G |
|                          | 0.840 | 0.041 | SC-07404-S | PCI/G |
|                          | 0.880 | 0.049 | SC-07403-S | PCI/G |
|                          | 1.020 | 0.046 | SC-07402-S | PCI/G |
|                          | 1.050 | 0.048 | SC-07228-S | PCI/G |
|                          | 1.070 | 0.041 | SC-07227-S | PCI/G |
|                          | 0.740 | 0.041 | SC-07226-S | PCI/G |
|                          | 0.850 | 0.042 | SC-07225-S | PCI/G |
|                          | 0.780 | 0.720 | SC-07613-S | PCI/G |
|                          | 1.170 | 0.720 | SC-07616-S | PCI/G |
|                          | 0.990 | 0.720 | SC-07619-S | PCI/G |
|                          | 0.950 | 0.027 | SC-07427-S | PCI/G |
|                          | 0.940 | 0.043 | SC-07428-S | PCI/G |
|                          | 0.840 | 0.720 | SC-07604-S | PCI/G |
|                          | 0.820 | 0.720 | SC-07601-S | PCI/G |
|                          | 1.020 | 0.720 | SC-07610-S | PCI/G |
|                          | 0.990 | 0.720 | SC-07607-S | PCI/G |

THORIUM-230 AVERAGE = 0.949 PCI/G

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## CU074 DATA REPORT (CONTINUED)

| PARAMETER                | CONC   | DL    | LOCATION   | UNITS |
|--------------------------|--------|-------|------------|-------|
| URANIUM-238 (35 SAMPLES) |        |       |            |       |
|                          | 1.640  | 2.700 | SC-07613-S | PCI/G |
|                          | 1.530  | 3.060 | SC-07616-S | PCI/G |
|                          | 1.550  | 3.100 | SC-07619-S | PCI/G |
|                          | 2.005  | 4.010 | SC-07428-S | PCI/G |
|                          | 1.535  | 3.070 | SC-07427-S | PCI/G |
|                          | 1.415  | 2.830 | SC-07426-S | PCI/G |
|                          | 1.900  | 3.800 | SC-07425-S | PCI/G |
|                          | 1.850  | 3.700 | SC-07424-S | PCI/G |
|                          | 3.270  | 2.960 | SC-07423-S | PCI/G |
|                          | 1.485  | 2.970 | SC-07422-S | PCI/G |
|                          | 2.420  | 4.840 | SC-07421-S | PCI/G |
|                          | 10.210 | 3.240 | SC-07420-S | PCI/G |
|                          | 1.475  | 2.950 | SC-07419-S | PCI/G |
|                          | 2.095  | 4.190 | SC-07418-S | PCI/G |
|                          | 2.235  | 4.470 | SC-07417-S | PCI/G |
|                          | 3.240  | 2.590 | SC-07415-S | PCI/G |
|                          | 1.880  | 3.760 | SC-07414-S | PCI/G |
|                          | 3.230  | 1.970 | SC-07413-S | PCI/G |
|                          | 1.600  | 3.200 | SC-07412-S | PCI/G |
|                          | 2.075  | 4.150 | SC-07410-S | PCI/G |
|                          | 78.650 | 5.630 | SC-07409-S | PCI/G |
|                          | 2.145  | 4.290 | SC-07408-S | PCI/G |
|                          | 3.390  | 3.380 | SC-07407-S | PCI/G |
|                          | 6.520  | 3.920 | SC-07405-S | PCI/G |
|                          | 2.890  | 2.030 | SC-07404-S | PCI/G |
|                          | 1.855  | 3.710 | SC-07403-S | PCI/G |
|                          | 2.100  | 2.210 | SC-07402-S | PCI/G |
|                          | 1.945  | 3.890 | SC-07228-S | PCI/G |
|                          | 6.070  | 2.230 | SC-07227-S | PCI/G |
|                          | 1.505  | 3.010 | SC-07226-S | PCI/G |
|                          | 1.975  | 3.950 | SC-07225-S | PCI/G |
|                          | 8.360  | 3.050 | SC-07610-S | PCI/G |
|                          | 1.470  | 2.940 | SC-07607-S | PCI/G |
|                          | 2.015  | 4.030 | SC-07604-S | PCI/G |
|                          | 8.160  | 3.610 | SC-07601-S | PCI/G |

URANIUM-238 AVERAGE = 5.077 PCI/G

# ORISE areas within RU007CU074

ORISE located two areas of slightly elevated readings during their visit on 09/05/96. One area was near SC-07417-S and the other near SC-07422-S. The results for these two areas are as follows:

| ID              | PARAMETER | RESULTS     | DL   |
|-----------------|-----------|-------------|------|
| SC-07417-S-HS01 | U-238     | 46.22 PCI/G | 6.91 |
|                 | RA-226    | 2.22 PCI/G  | 0.32 |
|                 | RA-228    | 1.07 PCI/G  | 0.65 |
|                 | TH-230    | 1.75 PCI/G  | 0.72 |
| SC-07422-S-HS01 | U-238     | 112.8 PCI/G | 6.31 |
|                 | RA-226    | 1.04 PCI/G  | 0.37 |
|                 | RA-228    | 0.38 PCI/G  | 0.76 |
|                 | TH-230    | 0.91 PCI/G  | 0.72 |

All results are below criteria and when averaged with the confirmation results for this CU, all averages remain below ALARA.

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 09-11-96 3. Review Form #: 96-057  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU075 (map attached)  
6. Contaminants of Concern: ☒ U-238 ☒ Th-230 ☒ Th-232 ☒ Ra-226 ☒ Ra-228  
☐ TNT ☒ PCB ☐ PAH ☒ As ☒ Cr ☒ Pb ☒ Ti

7. Results average below ALARA goal(s)? ☒ Yes ☐ No  
8. All results below cleanup criteria? ☒ Yes ☐ No  
9. Any results greater than 3X criteria? ☐ Yes ☒ No  
10. Hotspots present (less than 3X criteria)? ☐ Yes ☒ No

| Parameter  | Size | Concentration | Complies with Plan?                                      |
|------------|------|---------------|--|
| <u>N/A</u> |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|            |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: Melvin H. Lutz Date: 09/11/96  
12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: [Signature] Date: 9/11/96  
15. DOE Project Manager/Engineer: [Signature] Date: 9/11/96  
16. Project Manager: [Signature] Date: 9/11/96  
17. Construction Engineer: [Signature] Date: 9/11/96

SEE ATTACHED RESULTS AND MAP



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## CURTIS DATA REPORT

| PARAMETER        | CONC   | DL | LOCATION   | UNITS |
|------------------|--------|----|------------|-------|
| PCB (20 SAMPLES) |        |    |            |       |
|                  | 0.000  | NA | SC-07621-S | UG/KG |
|                  | 0.000  | NA | SC-07620-S | UG/KG |
|                  | 0.000  | NA | SC-07619-S | UG/KG |
|                  | 0.000  | NA | SC-06401-S | UG/KG |
|                  | 0.000  | NA | SC-07508-S | UG/KG |
|                  | 0.000  | NA | SC-07519-S | UG/KG |
|                  | 0.000  | NA | SC-07518-S | UG/KG |
|                  | 0.000  | NA | SC-07512-S | UG/KG |
|                  | 0.000  | NA | SC-07513-S | UG/KG |
|                  | 0.000  | NA | SC-07719-S | UG/KG |
|                  | 42.000 | NA | SC-06813-S | UG/KG |
|                  | 96.000 | NA | SC-06816-S | UG/KG |
|                  | 0.000  | NA | SC-06819-S | UG/KG |
|                  | 0.000  | NA | SC-07427-S | UG/KG |
|                  | 0.000  | NA | SC-07426-S | UG/KG |
|                  | 0.000  | NA | SC-07428-S | UG/KG |
|                  | 0.000  | NA | SC-07425-S | UG/KG |
|                  | 0.000  | NA | SC-07501-U | UG/KG |
|                  | 0.000  | NA | SC-07502-U | UG/KG |
|                  | 0.000  | NA | SC-07503-U | UG/KG |

PCB AVERAGE = 6.9 UG/KG (0.007 MG/KG)

## ARSENIC (18 SAMPLES)

|        |       |            |      |
|--------|-------|------------|------|
| 4.200  | 0.510 | SC-07519-S | UG/G |
| 6.200  | 0.490 | SC-07518-S | UG/G |
| 4.900  | 0.520 | SC-07508-S | UG/G |
| 8.600  | 0.530 | SC-06401-S | UG/G |
| 10.100 | 0.530 | SC-07719-S | UG/G |
| 13.900 | 0.480 | SC-06819-S | UG/G |
| 6.800  | 0.480 | SC-06816-S | UG/G |
| 13.100 | 0.470 | SC-06813-S | UG/G |
| 7.000  | 0.480 | SC-07619-S | UG/G |
| 6.500  | 0.430 | SC-07620-S | UG/G |
| 7.100  | 0.470 | SC-07621-S | UG/G |
| 4.900  | 0.490 | SC-07425-S | UG/G |
| 7.000  | 0.510 | SC-07426-S | UG/G |
| 5.000  | 0.480 | SC-07428-S | UG/G |
| 6.000  | 0.460 | SC-07427-S | UG/G |
| 5.600  | 0.470 | SC-07501-U | UG/G |
| 6.400  | 0.450 | SC-07502-U | UG/G |
| 6.100  | 0.470 | SC-07503-U | UG/G |

ARSENIC AVERAGE = 7.189 UG/G

## CU075 DATA REPORT (CONTINUED)

| PARAMETER             | CONC   | DL    | LOCATION   | UNITS |
|-----------------------|--------|-------|------------|-------|
| CHROMIUM (18 SAMPLES) |        |       |            |       |
|                       | 13.800 | 0.560 | SC-07428-S | UG/G  |
|                       | 15.800 | 0.610 | SC-06401-S | UG/G  |
|                       | 14.100 | 0.590 | SC-07508-S | UG/G  |
|                       | 15.700 | 0.560 | SC-07518-S | UG/G  |
|                       | 14.200 | 0.580 | SC-07519-S | UG/G  |
|                       | 17.600 | 0.550 | SC-07619-S | UG/G  |
|                       | 14.400 | 0.500 | SC-07620-S | UG/G  |
|                       | 18.800 | 0.540 | SC-07621-S | UG/G  |
|                       | 17.000 | 0.560 | SC-06819-S | UG/G  |
|                       | 16.100 | 0.590 | SC-07426-S | UG/G  |
|                       | 18.500 | 0.610 | SC-07719-S | UG/G  |
|                       | 14.100 | 0.540 | SC-06813-S | UG/G  |
|                       | 17.000 | 0.530 | SC-07427-S | UG/G  |
|                       | 21.500 | 0.550 | SC-06816-S | UG/G  |
|                       | 19.300 | 0.570 | SC-07425-S | UG/G  |
|                       | 28.400 | 0.540 | SC-07501-U | UG/G  |
|                       | 13.800 | 0.520 | SC-07502-U | UG/G  |
|                       | 17.300 | 0.540 | SC-07503-U | UG/G  |

CHROMIUM AVERAGE = 17.078 UG/G

## LEAD (18 SAMPLES)

|        |       |            |      |
|--------|-------|------------|------|
| 14.800 | 0.330 | SC-07621-S | UG/G |
| 12.800 | 0.340 | SC-07619-S | UG/G |
| 9.600  | 0.300 | SC-07620-S | UG/G |
| 10.100 | 0.360 | SC-07426-S | UG/G |
| 16.300 | 0.340 | SC-07428-S | UG/G |
| 8.900  | 0.320 | SC-07427-S | UG/G |
| 9.200  | 0.350 | SC-07425-S | UG/G |
| 13.500 | 0.340 | SC-06819-S | UG/G |
| 17.200 | 0.330 | SC-06816-S | UG/G |
| 34.600 | 0.330 | SC-06813-S | UG/G |
| 12.400 | 0.370 | SC-07719-S | UG/G |
| 12.600 | 0.370 | SC-06401-S | UG/G |
| 11.900 | 0.340 | SC-07518-S | UG/G |
| 12.600 | 0.360 | SC-07508-S | UG/G |
| 12.000 | 0.350 | SC-07519-S | UG/G |
| 8.200  | 0.330 | SC-07501-U | UG/G |
| 14.500 | 0.320 | SC-07502-U | UG/G |
| 17.200 | 0.540 | SC-07503-U | UG/G |

LEAD AVERAGE = 13.806 UG/G

## THALLIUM (7 SAMPLES)

|       |       |            |      |
|-------|-------|------------|------|
| 0.405 | 0.810 | SC-07519-S | UG/G |
| 0.415 | 0.830 | SC-07508-S | UG/G |
| 0.395 | 0.790 | SC-07518-S | UG/G |
| 0.425 | 0.850 | SC-07719-S | UG/G |
| 1.000 | 0.750 | SC-07501-U | UG/G |
| 0.360 | 0.720 | SC-07502-U | UG/G |
| 0.750 | 0.760 | SC-07503-U | UG/G |

THALLIUM AVERAGE = 0.536 UG/G

## CU075 DATA REPORT (CONTINUED)

| PARAMETER                                | CONC  | DL    | LOCATION   | UNITS |
|--|-------|-------|------------|-------|
| <b>RADIUM-226 (15 SAMPLES)</b>           |       |       |            |       |
|  | 2.020 | 0.260 | SC-07427-S | PCU/G |
|  | 2.088 | 0.340 | SC-07428-S | PCU/G |
|  | 1.589 | 0.310 | SC-07425-S | PCU/G |
|  | 1.771 | 0.320 | SC-07426-S | PCU/G |
|  | 1.680 | 0.320 | SC-07719-S | PCU/G |
|  | 2.293 | 0.270 | SC-07621-S | PCU/G |
|  | 1.952 | 0.240 | SC-07620-S | PCU/G |
|  | 2.111 | 0.230 | SC-07619-S | PCU/G |
|  | 1.680 | 0.340 | SC-07519-S | PCU/G |
|  | 1.249 | 0.370 | SC-07518-S | PCU/G |
|  | 1.952 | 0.300 | SC-07508-S | PCU/G |
|  | 1.952 | 0.360 | SC-06401-S | PCU/G |
|  | 1.700 | 0.380 | SC-07501-U | PCU/G |
|  | 2.250 | 0.270 | SC-07502-U | PCU/G |
|  | 2.410 | 0.350 | SC-07503-U | PCU/G |
| <b>RADIUM-226 AVERAGE = 1.913 PCU/G</b>  |       |       |            |       |
| <b>RADIUM-228 (15 SAMPLES)</b>           |       |       |            |       |
|  | 1.330 | 0.430 | SC-07425-S | PCU/G |
|  | 1.010 | 0.390 | SC-07426-S | PCU/G |
|  | 1.210 | 0.410 | SC-07427-S | PCU/G |
|  | 1.350 | 0.420 | SC-07428-S | PCU/G |
|  | 1.340 | 0.390 | SC-07719-S | PCU/G |
|  | 1.330 | 0.330 | SC-07619-S | PCU/G |
|  | 1.420 | 0.300 | SC-07620-S | PCU/G |
|  | 1.160 | 0.320 | SC-07621-S | PCU/G |
|  | 0.605 | 1.210 | SC-06401-S | PCU/G |
|  | 1.320 | 0.420 | SC-07508-S | PCU/G |
|  | 1.470 | 0.380 | SC-07519-S | PCU/G |
|  | 1.200 | 0.310 | SC-07518-S | PCU/G |
|  | 1.300 | 0.510 | SC-07501-U | PCU/G |
|  | 1.340 | 0.430 | SC-07502-U | PCU/G |
|  | 1.330 | 0.310 | SC-07503-U | PCU/G |
| <b>RADIUM-228 AVERAGE = 1.248 PCU/G</b>  |       |       |            |       |
| <b>THORIUM-230 (18 SAMPLES)</b>          |       |       |            |       |
|  | 0.830 | 0.720 | SC-07621-S | PCU/G |
|  | 0.900 | 0.720 | SC-07620-S | PCU/G |
|  | 0.990 | 0.720 | SC-07619-S | PCU/G |
|  | 0.940 | 0.043 | SC-07428-S | PCU/G |
|  | 0.950 | 0.027 | SC-07427-S | PCU/G |
|  | 1.370 | 0.031 | SC-06813-S | PCU/G |
|  | 1.020 | 0.720 | SC-07719-S | PCU/G |
|  | 1.250 | 0.078 | SC-06819-S | PCU/G |
|  | 1.770 | 0.061 | SC-06816-S | PCU/G |
|  | 0.870 | 0.039 | SC-07426-S | PCU/G |
|  | 1.020 | 0.034 | SC-07425-S | PCU/G |
|  | 1.170 | 0.720 | SC-07519-S | PCU/G |
|  | 0.960 | 0.720 | SC-07518-S | PCU/G |
|  | 1.090 | 0.720 | SC-07508-S | PCU/G |
|  | 0.940 | 0.720 | SC-06401-S | PCU/G |
|  | 1.000 | 0.720 | SC-07501-U | PCU/G |
|  | 1.080 | 0.720 | SC-07502-U | PCU/G |
|  | 0.980 | 0.720 | SC-07503-U | PCU/G |
| <b>THORIUM-230 AVERAGE = 1.063 PCU/G</b> |       |       |            |       |

## CU075 DATA REPORT (CONTINUED)

| PARAMETER                | CONC   | DL    | LOCATION   | UNITS |
|--------------------------|--------|-------|------------|-------|
| URANIUM-238 (38 SAMPLES) |        |       |            |       |
|                          | 2.150  | 2.220 | SC-07621-S | PCI/G |
|                          | 1.565  | 3.130 | SC-07620-S | PCI/G |
|                          | 1.550  | 3.100 | SC-07619-S | PCI/G |
|                          | 2.035  | 4.070 | SC-06819-S | PCI/G |
|                          | 13.150 | 3.070 | SC-06816-S | PCI/G |
|                          | 8.290  | 4.330 | SC-06813-S | PCI/G |
|                          | 3.280  | 2.600 | SC-07520-S | PCI/G |
|                          | 11.810 | 3.260 | SC-06401-S | PCI/G |
|                          | 1.960  | 3.920 | SC-07501-S | PCI/G |
|                          | 1.910  | 3.820 | SC-07502-S | PCI/G |
|                          | 1.465  | 2.930 | SC-07503-S | PCI/G |
|                          | 1.800  | 3.600 | SC-07504-S | PCI/G |
|                          | 5.130  | 3.030 | SC-07505-S | PCI/G |
|                          | 4.810  | 3.560 | SC-07506-S | PCI/G |
|                          | 12.370 | 3.460 | SC-07507-S | PCI/G |
|                          | 1.900  | 3.800 | SC-07425-S | PCI/G |
|                          | 9.760  | 3.110 | SC-07508-S | PCI/G |
|                          | 1.470  | 2.940 | SC-07509-S | PCI/G |
|                          | 2.005  | 4.010 | SC-07510-S | PCI/G |
|                          | 1.480  | 2.960 | SC-07511-S | PCI/G |
|                          | 1.635  | 3.270 | SC-07512-S | PCI/G |
|                          | 1.885  | 3.770 | SC-07513-S | PCI/G |
|                          | 3.350  | 3.330 | SC-07514-S | PCI/G |
|                          | 1.625  | 3.250 | SC-07515-S | PCI/G |
|                          | 1.600  | 3.200 | SC-07516-S | PCI/G |
|                          | 2.190  | 4.380 | SC-07517-S | PCI/G |
|                          | 1.415  | 2.830 | SC-07426-S | PCI/G |
|                          | 2.010  | 2.900 | SC-07518-S | PCI/G |
|                          | 1.535  | 3.070 | SC-07427-S | PCI/G |
|                          | 4.750  | 3.650 | SC-07519-S | PCI/G |
|                          | 2.005  | 4.010 | SC-07428-S | PCI/G |
|                          | 3.270  | 2.660 | SC-07521-S | PCI/G |
|                          | 1.550  | 3.100 | SC-07719-S | PCI/G |
|                          | 1.545  | 3.090 | SC-07720-S | PCI/G |
|                          | 3.690  | 2.850 | SC-07721-S | PCI/G |
|                          | 2.100  | 2.400 | SC-07501-U | PCI/G |
|                          | 1.620  | 3.240 | SC-07502-U | PCI/G |
|                          | 2.055  | 4.110 | SC-07503-U | PCI/G |

URANIUM-238 AVERAGE = 3.419 PCI/G

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 09/06/96 3. Review Form #: 96-054  
4. Remediation Unit Number: RU007 5. Confirmation Unit Number: CU076 (map attached)  
6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228  
TNT X PCB PAH X As X Cr X Pb X Ti

7. Results average below ALARA goal(s)? X Yes No  
8. All results below cleanup criteria? X Yes No  
9. Any results greater than 3X criteria? Yes X No  
10. Hotspots present (less than 3X criteria)? Yes X No

| Parameter | Size | Concentration | Complies with Plan?  |
|-----------|------|---------------|----------------------|
| N/A       |      |               | <u>Yes</u> <u>No</u> |
|           |      |               | <u>Yes</u> <u>No</u> |
|           |      |               | <u>Yes</u> <u>No</u> |
|           |      |               | <u>Yes</u> <u>No</u> |

11. Reviewer: Mel A. Lutz Date: 9/6/96

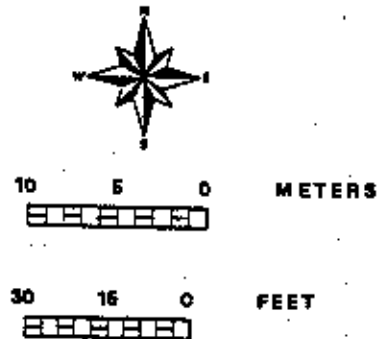
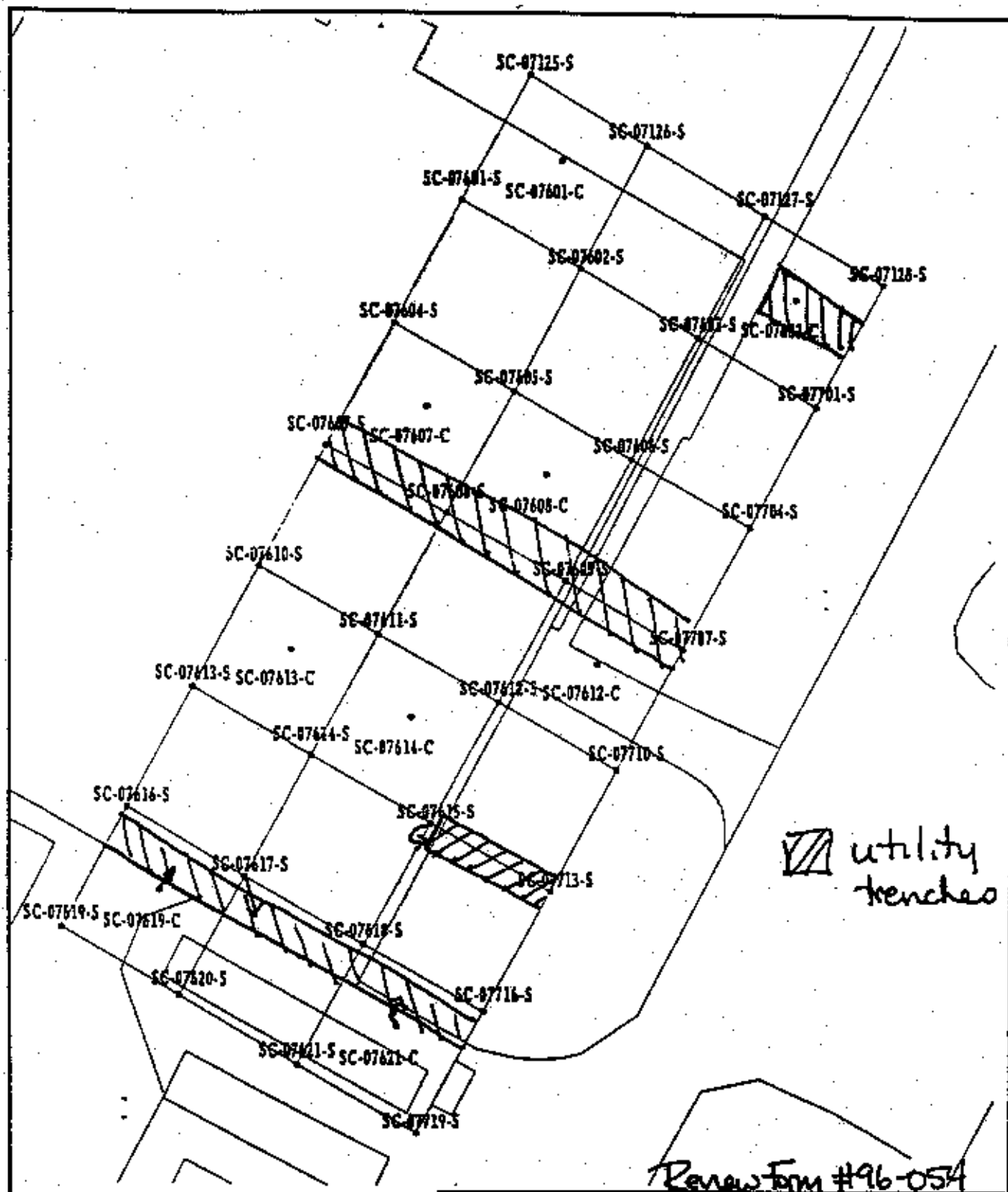
12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)  
Additional Excavation Required (Section IV)  
ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: [Signature] Date: 9/6/96  
15. DOE Project Manager/Engineer: [Signature] Date: 9/6/96  
16. Project Manager: [Signature] Date: 9-6-96  
17. Construction Engineer: Darrell L. Payne Date: 9-6-96

SEE ATTACHED RESULTS AND MAP



Sample Locations in Remedial Unit RU007  
Confirmation Unit CU076

Figure B-57

|                 |                  |                             |
|-----------------|------------------|-----------------------------|
| EXHIBIT NO. 1   | A/CP/139/1295    | REPORT NO. DOE/OR/21548-590 |
| ORIGINATOR: MCI | DRAWN BY: WECRAD | CITE DATE: 7/98             |

09/06/96

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## CU076 DATA REPORT

| PARAMETER        | CONC  | DL     | LOCATION   | UNITS |
|------------------|-------|--------|------------|-------|
| PCB (37 SAMPLES) |       |        |            |       |
| 39 max<br>6.2.97 | 0.000 | 46.000 | SC-07128-S | UG/KG |
|                  | 0.000 | 44.000 | SC-07701-S | UG/KG |
|                  | 0.000 | 42.000 | SC-07704-S | UG/KG |
|                  | 0.000 | 43.000 | SC-07707-S | UG/KG |
|                  | 0.000 | 40.000 | SC-07710-S | UG/KG |
|                  | 0.000 | 43.000 | SC-07713-S | UG/KG |
|                  | 0.000 | 46.000 | SC-07716-S | UG/KG |
|                  | 0.000 | 37.000 | SC-07601-S | UG/KG |
|                  | 0.000 | 40.000 | SC-07601-C | UG/KG |
|                  | 0.000 | 40.000 | SC-07602-S | UG/KG |
|                  | 0.000 | 38.000 | SC-07603-S | UG/KG |
|                  | 0.000 | 40.000 | SC-07603-C | UG/KG |
|                  | 0.000 | 40.000 | SC-07604-S | UG/KG |
|                  | 0.000 | 35.000 | SC-07605-S | UG/KG |
|                  | 0.000 | 38.000 | SC-07606-S | UG/KG |
|                  | 0.000 | 38.000 | SC-07607-S | UG/KG |
|                  | 0.000 | 39.000 | SC-07607-C | UG/KG |
|                  | 0.000 | 44.000 | SC-07608-S | UG/KG |
|                  | 0.000 | 40.000 | SC-07608-C | UG/KG |
|                  | 0.000 | 37.000 | SC-07609-S | UG/KG |
|                  | 0.000 | 38.000 | SC-07610-S | UG/KG |
|                  | 0.000 | 38.000 | SC-07611-S | UG/KG |
|                  | 0.000 | 37.000 | SC-07612-S | UG/KG |
|                  | 0.000 | 38.000 | SC-07612-C | UG/KG |
|                  | 0.000 | 40.000 | SC-07613-S | UG/KG |
|                  | 0.000 | 37.000 | SC-07613-C | UG/KG |
|                  | 0.000 | 40.000 | SC-07614-S | UG/KG |
|                  | 0.000 | 38.000 | SC-07614-C | UG/KG |
|                  | 0.000 | 36.000 | SC-07615-S | UG/KG |
|                  | 0.000 | 39.000 | SC-07616-S | UG/KG |
|                  | 0.000 | 40.000 | SC-07617-S | UG/KG |
|                  | 0.000 | 39.000 | SC-07618-S | UG/KG |
|                  | 0.000 | 44.000 | SC-07719-S | UG/KG |
|                  | 0.000 | 40.000 | SC-07719-C | UG/KG |
|                  | 0.000 | 40.000 | SC-07619-C | UG/KG |
|                  | 0.000 | 35.000 | SC-07620-S | UG/KG |
|                  | 0.000 | 39.000 | SC-07621-S | UG/KG |
|                  | 0.000 | 41.000 | SC-07621-C | UG/KG |

PCB AVERAGE = NA

THALLIUM (8 SAMPLES)

|       |       |            |      |
|-------|-------|------------|------|
| 0.440 | 0.880 | SC-07128-S | UG/G |
| 0.415 | 0.830 | SC-07707-S | UG/G |
| 1.400 | 0.850 | SC-07701-S | UG/G |
| 1.100 | 0.810 | SC-07704-S | UG/G |
| 0.415 | 0.830 | SC-07713-S | UG/G |
| 0.450 | 0.900 | SC-07716-S | UG/G |
| 0.425 | 0.850 | SC-07719-S | UG/G |
| 0.390 | 0.780 | SC-07710-S | UG/G |

THALLIUM AVERAGE = 0.629 UG/G

## CU076 DATA REPORT (CONTINUED)

| PARAMETER            | CONC   | DL    | LOCATION   | UNITS |
|----------------------|--------|-------|------------|-------|
| ARSENIC (38 SAMPLES) |        |       |            |       |
|                      | 8.000  | 0.460 | SC-07611-S | UG/G  |
|                      | 6.500  | 0.460 | SC-07610-S | UG/G  |
|                      | 6.500  | 0.530 | SC-07608-S | UG/G  |
|                      | 5.500  | 0.450 | SC-07609-S | UG/G  |
|                      | 5.400  | 0.490 | SC-07608-C | UG/G  |
|                      | 6.200  | 0.470 | SC-07607-S | UG/G  |
|                      | 10.900 | 0.470 | SC-07607-C | UG/G  |
|                      | 15.900 | 0.460 | SC-07606-S | UG/G  |
|                      | 8.500  | 0.430 | SC-07605-S | UG/G  |
|                      | 10.000 | 0.460 | SC-07603-S | UG/G  |
|                      | 8.000  | 0.480 | SC-07604-S | UG/G  |
|                      | 6.800  | 0.480 | SC-07603-C | UG/G  |
|                      | 5.500  | 0.490 | SC-07601-C | UG/G  |
|                      | 5.300  | 0.480 | SC-07602-S | UG/G  |
|                      | 6.300  | 0.450 | SC-07601-S | UG/G  |
|                      | 9.400  | 0.520 | SC-07707-S | UG/G  |
|                      | 13.000 | 0.550 | SC-07120-S | UG/G  |
|                      | 6.500  | 0.530 | SC-07701-S | UG/G  |
|                      | 7.500  | 0.500 | SC-07704-S | UG/G  |
|                      | 7.100  | 0.470 | SC-07621-S | UG/G  |
|                      | 4.700  | 0.490 | SC-07621-C | UG/G  |
|                      | 6.500  | 0.430 | SC-07620-S | UG/G  |
|                      | 5.300  | 0.480 | SC-07619-C | UG/G  |
|                      | 7.000  | 0.480 | SC-07619-S | UG/G  |
|                      | 4.800  | 0.480 | SC-07618-S | UG/G  |
|                      | 4.500  | 0.490 | SC-07617-S | UG/G  |
|                      | 6.200  | 0.480 | SC-07616-S | UG/G  |
|                      | 5.800  | 0.440 | SC-07615-S | UG/G  |
|                      | 6.300  | 0.450 | SC-07614-C | UG/G  |
|                      | 8.500  | 0.480 | SC-07614-S | UG/G  |
|                      | 7.000  | 0.490 | SC-07613-S | UG/G  |
|                      | 6.100  | 0.450 | SC-07613-C | UG/G  |
|                      | 6.600  | 0.460 | SC-07612-C | UG/G  |
|                      | 5.400  | 0.450 | SC-07612-S | UG/G  |
|                      | 7.400  | 0.480 | SC-07710-S | UG/G  |
|                      | 7.400  | 0.520 | SC-07713-S | UG/G  |
|                      | 7.000  | 0.560 | SC-07716-S | UG/G  |
|                      | 10.100 | 0.530 | SC-07719-S | UG/G  |

ARSENIC AVERAGE = 7.25% UG/G

## CU076 DATA REPORT (CONTINUED)

| PARAMETER             | CONC   | DL    | LOCATION   | UNITS |
|-----------------------|--------|-------|------------|-------|
| CHROMIUM (38 SAMPLES) |        |       |            |       |
|                       | 11.800 | 0.550 | SC-07618-S | UG/G  |
|                       | 17.600 | 0.550 | SC-07619-S | UG/G  |
|                       | 10.100 | 0.550 | SC-07619-C | UG/G  |
|                       | 11.000 | 0.600 | SC-07707-S | UG/G  |
|                       | 17.700 | 0.510 | SC-07615-S | UG/G  |
|                       | 17.800 | 0.550 | SC-07616-S | UG/G  |
|                       | 15.800 | 0.560 | SC-07617-S | UG/G  |
|                       | 15.500 | 0.550 | SC-07614-S | UG/G  |
|                       | 18.900 | 0.520 | SC-07614-C | UG/G  |
|                       | 12.900 | 0.560 | SC-07608-C | UG/G  |
|                       | 16.000 | 0.540 | SC-07607-S | UG/G  |
|                       | 17.000 | 0.510 | SC-07612-S | UG/G  |
|                       | 17.600 | 0.550 | SC-07612-C | UG/G  |
|                       | 16.000 | 0.520 | SC-07613-C | UG/G  |
|                       | 19.400 | 0.560 | SC-07613-S | UG/G  |
|                       | 15.400 | 0.550 | SC-07607-C | UG/G  |
|                       | 16.600 | 0.530 | SC-07606-S | UG/G  |
|                       | 16.300 | 0.500 | SC-07605-S | UG/G  |
|                       | 15.800 | 0.530 | SC-07611-S | UG/G  |
|                       | 16.200 | 0.530 | SC-07610-S | UG/G  |
|                       | 14.600 | 0.600 | SC-07608-S | UG/G  |
|                       | 13.600 | 0.510 | SC-07609-S | UG/G  |
|                       | 11.900 | 0.560 | SC-07601-C | UG/G  |
|                       | 18.100 | 0.550 | SC-07602-S | UG/G  |
|                       | 18.900 | 0.520 | SC-07601-S | UG/G  |
|                       | 15.700 | 0.530 | SC-07603-S | UG/G  |
|                       | 14.200 | 0.550 | SC-07604-S | UG/G  |
|                       | 16.500 | 0.550 | SC-07603-C | UG/G  |
|                       | 18.500 | 0.610 | SC-07719-S | UG/G  |
|                       | 19.100 | 0.650 | SC-07716-S | UG/G  |
|                       | 16.900 | 0.600 | SC-07713-S | UG/G  |
|                       | 15.900 | 0.560 | SC-07710-S | UG/G  |
|                       | 14.100 | 0.570 | SC-07621-C | UG/G  |
|                       | 18.800 | 0.540 | SC-07621-S | UG/G  |
|                       | 14.400 | 0.500 | SC-07620-S | UG/G  |
|                       | 22.700 | 0.630 | SC-07128-S | UG/G  |
|                       | 17.100 | 0.610 | SC-07701-S | UG/G  |
|                       | 12.700 | 0.580 | SC-07704-S | UG/G  |

CHROMIUM AVERAGE = 16.613 UG/G

## CU076 DATA REPORT (CONTINUED)

| PARAMETER         | CONC   | DL    | LOCATION   | UNITS |
|-------------------|--------|-------|------------|-------|
| LEAD (38 SAMPLES) |        |       |            |       |
|                   | 19.000 | 0.360 | SC-07707-S | UG/G  |
|                   | 14.900 | 0.340 | SC-07601-C | UG/G  |
|                   | 12.700 | 0.310 | SC-07601-S | UG/G  |
|                   | 10.900 | 0.340 | SC-07602-S | UG/G  |
|                   | 12.800 | 0.330 | SC-07603-C | UG/G  |
|                   | 13.800 | 0.320 | SC-07603-S | UG/G  |
|                   | 12.800 | 0.300 | SC-07605-S | UG/G  |
|                   | 15.400 | 0.340 | SC-07604-S | UG/G  |
|                   | 17.100 | 0.380 | SC-07128-S | UG/G  |
|                   | 8.900  | 0.370 | SC-07701-S | UG/G  |
|                   | 9.100  | 0.350 | SC-07704-S | UG/G  |
|                   | 8.900  | 0.310 | SC-07612-S | UG/G  |
|                   | 15.800 | 0.320 | SC-07612-C | UG/G  |
|                   | 9.700  | 0.310 | SC-07613-C | UG/G  |
|                   | 11.800 | 0.340 | SC-07613-S | UG/G  |
|                   | 16.900 | 0.340 | SC-07614-S | UG/G  |
|                   | 12.500 | 0.320 | SC-07614-C | UG/G  |
|                   | 9.000  | 0.310 | SC-07615-S | UG/G  |
|                   | 9.500  | 0.330 | SC-07616-S | UG/G  |
|                   | 10.300 | 0.340 | SC-07617-S | UG/G  |
|                   | 7.700  | 0.340 | SC-07618-S | UG/G  |
|                   | 10.500 | 0.330 | SC-07619-C | UG/G  |
|                   | 9.600  | 0.300 | SC-07620-S | UG/G  |
|                   | 12.800 | 0.340 | SC-07619-S | UG/G  |
|                   | 14.800 | 0.330 | SC-07621-S | UG/G  |
|                   | 8.500  | 0.350 | SC-07621-C | UG/G  |
|                   | 13.000 | 0.320 | SC-07611-S | UG/G  |
|                   | 13.000 | 0.320 | SC-07610-S | UG/G  |
|                   | 9.800  | 0.370 | SC-07608-S | UG/G  |
|                   | 9.800  | 0.310 | SC-07609-S | UG/G  |
|                   | 8.000  | 0.340 | SC-07608-C | UG/G  |
|                   | 9.700  | 0.330 | SC-07607-S | UG/G  |
|                   | 17.200 | 0.330 | SC-07607-C | UG/G  |
|                   | 13.000 | 0.320 | SC-07606-S | UG/G  |
|                   | 12.400 | 0.370 | SC-07719-S | UG/G  |
|                   | 14.700 | 0.390 | SC-07716-S | UG/G  |
|                   | 15.600 | 0.360 | SC-07713-S | UG/G  |
|                   | 15.700 | 0.340 | SC-07710-S | UG/G  |

LEAD AVERAGE = 12.305 UG/G

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## CU076 DATA REPORT (CONTINUED)

| PARAMETER                        | CONC  | DL    | LOCATION   | UNITS |
|----------------------------------|-------|-------|------------|-------|
| RADIUM-226 (38 SAMPLES)          |       |       |            |       |
|                                  | 1.680 | 0.320 | SC-07719-S | PCU/G |
|                                  | 2.225 | 0.370 | SC-07716-S | PCU/G |
|                                  | 2.225 | 0.270 | SC-07713-S | PCU/G |
|                                  | 1.861 | 0.290 | SC-07712-S | PCU/G |
|                                  | 2.361 | 0.330 | SC-07701-S | PCU/G |
|                                  | 2.679 | 0.340 | SC-07704-S | PCU/G |
|                                  | 1.476 | 0.350 | SC-07707-S | PCU/G |
|                                  | 1.022 | 0.240 | SC-07710-S | PCU/G |
|                                  | 2.290 | 0.270 | SC-07621-S | PCU/G |
|                                  | 2.180 | 0.260 | SC-07621-C | PCU/G |
|                                  | 1.950 | 0.240 | SC-07620-S | PCU/G |
|                                  | 2.110 | 0.230 | SC-07619-C | PCU/G |
|                                  | 1.770 | 0.210 | SC-07619-S | PCU/G |
|                                  | 2.520 | 0.290 | SC-07618-S | PCU/G |
|                                  | 1.450 | 0.310 | SC-07617-S | PCU/G |
|                                  | 2.500 | 0.310 | SC-07615-S | PCU/G |
|                                  | 1.790 | 0.360 | SC-07616-S | PCU/G |
|                                  | 2.410 | 0.300 | SC-07614-C | PCU/G |
|                                  | 2.360 | 0.400 | SC-07614-S | PCU/G |
|                                  | 2.570 | 0.300 | SC-07613-C | PCU/G |
|                                  | 1.840 | 0.280 | SC-07613-S | PCU/G |
|                                  | 2.450 | 0.270 | SC-07612-C | PCU/G |
|                                  | 2.020 | 0.250 | SC-07612-S | PCU/G |
|                                  | 2.429 | 0.240 | SC-07611-S | PCU/G |
|                                  | 2.111 | 0.290 | SC-07610-S | PCU/G |
|                                  | 2.429 | 0.320 | SC-07609-S | PCU/G |
|                                  | 1.612 | 0.250 | SC-07608-S | PCU/G |
|                                  | 1.816 | 0.380 | SC-07608-C | PCU/G |
|                                  | 1.816 | 0.250 | SC-07607-S | PCU/G |
|                                  | 1.839 | 0.310 | SC-07607-C | PCU/G |
|                                  | 2.225 | 0.280 | SC-07606-S | PCU/G |
|                                  | 2.088 | 0.380 | SC-07605-S | PCU/G |
|                                  | 2.043 | 0.320 | SC-07604-S | PCU/G |
|                                  | 2.134 | 0.310 | SC-07603-S | PCU/G |
|                                  | 2.293 | 0.340 | SC-07603-C | PCU/G |
|                                  | 2.338 | 0.300 | SC-07602-S | PCU/G |
|                                  | 2.157 | 0.340 | SC-07601-S | PCU/G |
|                                  | 1.634 | 0.360 | SC-07601-C | PCU/G |
| RADIUM-226 AVERAGE = 2.071 PCU/G |       |       |            |       |

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## CU076 DATA REPORT (CONTINUED)

| PARAMETER               | CONC  | DL    | LOCATION   | UNITS |
|-------------------------|-------|-------|------------|-------|
| RADIUM-228 (38 SAMPLES) |       |       |            |       |
|                         | 1.410 | 0.400 | SC-07713-S | PCI/G |
|                         | 1.340 | 0.540 | SC-07716-S | PCI/G |
|                         | 1.340 | 0.390 | SC-07719-S | PCI/G |
|                         | 0.420 | 0.840 | SC-07710-S | PCI/G |
|                         | 1.500 | 0.620 | SC-07707-S | PCI/G |
|                         | 1.100 | 0.550 | SC-07704-S | PCI/G |
|                         | 1.340 | 0.540 | SC-07701-S | PCI/G |
|                         | 1.110 | 0.550 | SC-07128-S | PCI/G |
|                         | 1.190 | 0.570 | SC-07601-C | PCI/G |
|                         | 1.060 | 0.620 | SC-07601-S | PCI/G |
|                         | 1.350 | 0.500 | SC-07603-C | PCI/G |
|                         | 1.160 | 0.380 | SC-07602-S | PCI/G |
|                         | 1.320 | 0.660 | SC-07603-S | PCI/G |
|                         | 1.180 | 0.410 | SC-07604-S | PCI/G |
|                         | 0.910 | 0.400 | SC-07606-S | PCI/G |
|                         | 1.010 | 0.530 | SC-07605-S | PCI/G |
|                         | 0.930 | 0.610 | SC-07607-C | PCI/G |
|                         | 1.110 | 0.440 | SC-07607-S | PCI/G |
|                         | 1.080 | 0.580 | SC-07608-C | PCI/G |
|                         | 1.320 | 0.380 | SC-07608-S | PCI/G |
|                         | 0.575 | 1.150 | SC-07609-S | PCI/G |
|                         | 0.575 | 1.150 | SC-07611-S | PCI/G |
|                         | 1.100 | 0.330 | SC-07610-S | PCI/G |
|                         | 1.160 | 0.320 | SC-07621-S | PCI/G |
|                         | 1.480 | 0.460 | SC-07621-C | PCI/G |
|                         | 1.420 | 0.300 | SC-07620-S | PCI/G |
|                         | 1.480 | 0.290 | SC-07619-C | PCI/G |
|                         | 1.330 | 0.330 | SC-07619-S | PCI/G |
|                         | 0.600 | 1.200 | SC-07618-S | PCI/G |
|                         | 1.460 | 0.320 | SC-07617-S | PCI/G |
|                         | 1.120 | 0.450 | SC-07615-S | PCI/G |
|                         | 1.200 | 0.350 | SC-07616-S | PCI/G |
|                         | 1.110 | 0.720 | SC-07614-C | PCI/G |
|                         | 1.120 | 0.540 | SC-07614-S | PCI/G |
|                         | 1.100 | 0.380 | SC-07613-C | PCI/G |
|                         | 1.350 | 0.430 | SC-07613-S | PCI/G |
|                         | 0.920 | 0.440 | SC-07612-S | PCI/G |
|                         | 1.410 | 0.440 | SC-07612-C | PCI/G |

RADIUM-228 AVERAGE = 1.155 PCI/G

## CU076 DATA REPORT (CONTINUED)

| PARAMETER                | CONC  | DL    | LOCATION   | UNITS |
|--------------------------|-------|-------|------------|-------|
| THORIUM-230 (38 SAMPLES) |       |       |            |       |
|                          | 3.090 | 0.720 | SC-07128-S | PCU/G |
|                          | 0.770 | 0.720 | SC-07701-S | PCU/G |
|                          | 0.800 | 0.720 | SC-07704-S | PCU/G |
|                          | 0.900 | 0.720 | SC-07707-S | PCU/G |
|                          | 0.800 | 0.720 | SC-07710-S | PCU/G |
|                          | 0.910 | 0.720 | SC-07713-S | PCU/G |
|                          | 0.850 | 0.720 | SC-07716-S | PCU/G |
|                          | 1.020 | 0.720 | SC-07719-S | PCU/G |
|                          | 1.020 | 0.720 | SC-07610-S | PCU/G |
|                          | 0.890 | 0.720 | SC-07611-S | PCU/G |
|                          | 0.930 | 0.720 | SC-07609-S | PCU/G |
|                          | 0.940 | 0.720 | SC-07608-S | PCU/G |
|                          | 0.900 | 0.720 | SC-07608-C | PCU/G |
|                          | 0.990 | 0.720 | SC-07607-S | PCU/G |
|                          | 0.970 | 0.720 | SC-07607-C | PCU/G |
|                          | 1.310 | 0.720 | SC-07606-S | PCU/G |
|                          | 0.950 | 0.720 | SC-07605-S | PCU/G |
|                          | 0.840 | 0.720 | SC-07604-S | PCU/G |
|                          | 1.160 | 0.720 | SC-07603-S | PCU/G |
|                          | 1.220 | 0.720 | SC-07603-C | PCU/G |
|                          | 0.940 | 0.720 | SC-07602-S | PCU/G |
|                          | 0.820 | 0.720 | SC-07601-S | PCU/G |
|                          | 0.840 | 0.720 | SC-07601-C | PCU/G |
|                          | 0.830 | 0.720 | SC-07621-S | PCU/G |
|                          | 0.900 | 0.720 | SC-07621-C | PCU/G |
|                          | 0.900 | 0.720 | SC-07620-S | PCU/G |
|                          | 0.710 | 0.720 | SC-07619-C | PCU/G |
|                          | 0.990 | 0.720 | SC-07619-S | PCU/G |
|                          | 0.920 | 1.720 | SC-07618-S | PCU/G |
|                          | 0.740 | 0.720 | SC-07617-S | PCU/G |
|                          | 0.840 | 0.720 | SC-07615-S | PCU/G |
|                          | 1.170 | 0.720 | SC-07616-S | PCU/G |
|                          | 0.960 | 0.720 | SC-07614-C | PCU/G |
|                          | 0.810 | 0.720 | SC-07614-S | PCU/G |
|                          | 0.770 | 0.720 | SC-07613-C | PCU/G |
|                          | 0.780 | 0.720 | SC-07613-S | PCU/G |
|                          | 0.920 | 0.720 | SC-07612-S | PCU/G |
|                          | 0.800 | 0.720 | SC-07612-C | PCU/G |

THORIUM-230 AVERAGE = 0.971 PCU/G

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## CUR76 DATA REPORT (CONTINUED)

| PARAMETER                         | CONC  | DL    | LOCATION   | UNITS |
|-----------------------------------|-------|-------|------------|-------|
| URANIUM-238 (41 SAMPLES)          |       |       |            |       |
|                                   | 1.990 | 3.980 | SC-07128-S | PCI/G |
|                                   | 1.940 | 2.550 | SC-07701-S | PCI/G |
|                                   | 1.880 | 3.760 | SC-07704-S | PCI/G |
|                                   | 1.885 | 3.770 | SC-07707-S | PCI/G |
|                                   | 1.530 | 3.060 | SC-07710-S | PCI/G |
|                                   | 1.550 | 3.100 | SC-07713-S | PCI/G |
|                                   | 1.970 | 3.940 | SC-07716-S | PCI/G |
|                                   | 1.550 | 3.100 | SC-07719-S | PCI/G |
|                                   | 1.990 | 3.980 | SC-07125-S | PCI/G |
|                                   | 1.490 | 2.980 | SC-07126-S | PCI/G |
|                                   | 1.430 | 2.860 | SC-07127-S | PCI/G |
|                                   | 2.210 | 4.420 | SC-07601-C | PCI/G |
|                                   | 8.160 | 3.610 | SC-07601-S | PCI/G |
|                                   | 1.675 | 3.350 | SC-07602-S | PCI/G |
|                                   | 3.520 | 3.520 | SC-07603-C | PCI/G |
|                                   | 3.230 | 2.440 | SC-07603-S | PCI/G |
|                                   | 2.015 | 4.030 | SC-07604-S | PCI/G |
|                                   | 2.150 | 4.380 | SC-07605-S | PCI/G |
|                                   | 1.620 | 3.240 | SC-07606-S | PCI/G |
|                                   | 1.940 | 3.880 | SC-07607-C | PCI/G |
|                                   | 1.470 | 2.940 | SC-07607-S | PCI/G |
|                                   | 1.810 | 3.620 | SC-07608-C | PCI/G |
|                                   | 1.360 | 1.740 | SC-07608-S | PCI/G |
|                                   | 2.040 | 4.080 | SC-07609-S | PCI/G |
|                                   | 8.360 | 3.050 | SC-07610-S | PCI/G |
|                                   | 2.060 | 4.120 | SC-07611-S | PCI/G |
|                                   | 2.150 | 2.220 | SC-07621-S | PCI/G |
|                                   | 1.960 | 3.920 | SC-07621-C | PCI/G |
|                                   | 1.565 | 3.130 | SC-07620-S | PCI/G |
|                                   | 1.340 | 2.680 | SC-07619-C | PCI/G |
|                                   | 1.550 | 3.100 | SC-07619-S | PCI/G |
|                                   | 2.115 | 4.230 | SC-07618-S | PCI/G |
|                                   | 1.915 | 3.830 | SC-07617-S | PCI/G |
|                                   | 1.510 | 3.020 | SC-07615-S | PCI/G |
|                                   | 1.530 | 3.060 | SC-07616-S | PCI/G |
|                                   | 2.310 | 4.620 | SC-07614-C | PCI/G |
|                                   | 2.165 | 4.330 | SC-07614-S | PCI/G |
|                                   | 1.585 | 3.170 | SC-07613-C | PCI/G |
|                                   | 1.640 | 2.700 | SC-07613-S | PCI/G |
|                                   | 1.580 | 3.160 | SC-07612-S | PCI/G |
|                                   | 2.025 | 4.050 | SC-07612-C | PCI/G |
| URANIUM-238 AVERAGE = 2.190 PCI/G |       |       |            |       |

*Weldon Spring Site Remedial Action Project*  
7295 Highway 94 South, St. Charles, Missouri, 63304

**SOIL CONFIRMATION REMEDIATION DISPOSITION FORM**

ES&H 1.2.1.1, Rev. 1, 03/96  
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**SECTION I**

1. Work Package Number: WPU20      2. Date: 09-06-96      3. Review Form #: 96-055  
4. Remediation Unit Number: RU007      5. Confirmation Unit Number: CU077 (map attached)  
6. Contaminants of Concern: ☒ U-238      ☒ Th-230      ☐ Th-232      ☒ Ra-226      ☒ Ra-228  
☐ TNT      ☒ PCB      ☐ PAH      ☒ As      ☒ Cr      ☒ Pb      ☐ Ti

7. Results average below ALARA goal(s)?      ☒ Yes      ☐ No  
8. All results below cleanup criteria?      ☒ Yes      ☐ No  
9. Any results greater than 3X criteria?      ☐ Yes      ☒ No  
10. Hotspots present (less than 3X criteria)?      ☐ Yes      ☒ No

| Parameter | Size | Concentration | Complies with Plan?                                      |
|-----------|------|---------------|--|
| N/A       |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|           |      |               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11. Reviewer: Meh A. Lutz      Date: 9/6/96

12. Reviewer Disposition Recommendation: ☒ Release for Unrestricted Use (Section II)  
☐ Additional Excavation Required (Section IV)  
☐ ALARA Committee Required (Section III)

**SECTION II**

*Results are ALARA. CU is released for unrestricted use.*

14. ES&H Manager: [Signature]      Date: 9/6/96  
15. DOE Project Manager/Engineer: [Signature]      Date: 9/6/96  
16. Project Manager: [Signature]      Date: 9-6-96  
17. Construction Engineer: [Signature]      Date: 9-6-96

SEE ATTACHED RESULTS AND MAP



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## CU077 DATA REPORT

| PARAMETER                            | CONC    | DL     | LOCATION   | UNITS |
|--------------------------------------|---------|--------|------------|-------|
| PCB (36 SAMPLES)<br>29 max<br>6.2.92 | 42.000  | 39.000 | SC-06813-S | UG/KG |
|                                      | 0.000   | 39.000 | SC-06810-S | UG/KG |
|                                      | 0.000   | 38.000 | SC-06807-S | UG/KG |
|                                      | 0.000   | 42.000 | SC-06804-S | UG/KG |
|                                      | 0.000   | 41.000 | SC-06801-S | UG/KG |
|                                      | 0.000   | 41.000 | SC-07129-S | UG/KG |
|                                      | 0.000   | 46.000 | SC-07128-S | UG/KG |
|                                      | 0.000   | 42.000 | SC-07130-S | UG/KG |
|                                      | 120.000 | 38.000 | SC-06901-S | UG/KG |
|                                      | 260.000 | 38.000 | SC-06909-S | UG/KG |
|                                      | 0.000   | 42.000 | SC-06918-S | UG/KG |
|                                      | 0.000   | 49.000 | SC-07721-C | UG/KG |
|                                      | 0.000   | 44.000 | SC-07719-S | UG/KG |
|                                      | 0.000   | 41.000 | SC-07718-S | UG/KG |
|                                      | 0.000   | 43.000 | SC-07717-S | UG/KG |
|                                      | 0.000   | 46.000 | SC-07716-S | UG/KG |
|                                      | 0.000   | 43.000 | SC-07713-S | UG/KG |
|                                      | 0.000   | 40.000 | SC-07710-S | UG/KG |
|                                      | 0.000   | 40.000 | SC-07709-S | UG/KG |
|                                      | 0.000   | 43.000 | SC-07707-S | UG/KG |
|                                      | 0.000   | 41.000 | SC-07708-S | UG/KG |
|                                      | 0.000   | 42.000 | SC-07704-S | UG/KG |
|                                      | 0.000   | 44.000 | SC-07701-S | UG/KG |
|                                      | 0.000   | 46.000 | SC-07701-U | UG/KG |
|                                      | 0.000   | 45.000 | SC-07702-U | UG/KG |
|                                      | 0.000   | 42.000 | SC-07703-U | UG/KG |
|                                      | 0.000   | 43.000 | SC-07704-U | UG/KG |
|                                      | 0.000   | 44.000 | SC-07705-U | UG/KG |
|                                      | 0.000   | 43.000 | SC-07706-U | UG/KG |

PCB AVERAGE = 14.006 UG/KG (0.014 MG/KG)

14.552

max  
6.2.92

5

max  
6.2.92

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## CU077 DATA REPORT (CONTINUED)

| PARAMETER                    | CONC   | DL    | LOCATION   | UNITS |
|------------------------------|--------|-------|------------|-------|
| ARSENIC (29 SAMPLES)         |        |       |            |       |
|                              | 9.800  | 0.500 | SC-06918-S | UG/G  |
|                              | 6.100  | 0.500 | SC-07708-S | UG/G  |
|                              | 9.400  | 0.520 | SC-07707-S | UG/G  |
|                              | 13.800 | 0.550 | SC-07128-S | UG/G  |
|                              | 4.300  | 0.500 | SC-07129-S | UG/G  |
|                              | 6.500  | 0.530 | SC-07701-S | UG/G  |
|                              | 15.400 | 0.510 | SC-07130-S | UG/G  |
|                              | 7.500  | 0.500 | SC-07704-S | UG/G  |
|                              | 7.500  | 0.460 | SC-06909-S | UG/G  |
|                              | 10.300 | 0.460 | SC-06901-S | UG/G  |
|                              | 20.600 | 0.500 | SC-06801-S | UG/G  |
|                              | 11.000 | 0.510 | SC-06804-S | UG/G  |
|                              | 8.200  | 0.460 | SC-06807-S | UG/G  |
|                              | 15.600 | 0.480 | SC-06810-S | UG/G  |
|                              | 13.100 | 0.470 | SC-06813-S | UG/G  |
|                              | 9.700  | 0.490 | SC-07709-S | UG/G  |
|                              | 7.400  | 0.480 | SC-07710-S | UG/G  |
|                              | 7.400  | 0.520 | SC-07713-S | UG/G  |
|                              | 6.300  | 0.520 | SC-07717-S | UG/G  |
|                              | 7.000  | 0.560 | SC-07716-S | UG/G  |
|                              | 5.200  | 0.490 | SC-07718-S | UG/G  |
|                              | 10.100 | 0.530 | SC-07719-S | UG/G  |
|                              | 12.100 | 0.600 | SC-07721-C | UG/G  |
|                              | 8.900  | 0.550 | SC-07701-U | UG/G  |
|                              | 10.100 | 0.550 | SC-07702-U | UG/G  |
|                              | 9.200  | 0.500 | SC-07703-U | UG/G  |
|                              | 8.700  | 0.530 | SC-07704-U | UG/G  |
|                              | 8.900  | 0.590 | SC-07705-U | UG/G  |
|                              | 7.800  | 0.520 | SC-07706-U | UG/G  |
| ARSENIC AVERAGE = 9.555 UG/G |        |       |            |       |

## CU077 DATA REPORT (CONTINUED)

| PARAMETER             | CONC   | DL    | LOCATION   | UNITS |
|-----------------------|--------|-------|------------|-------|
| CHROMIUM (29 SAMPLES) |        |       |            |       |
|                       | 12.800 | 0.580 | SC-07708-S | UG/G  |
|                       | 22.000 | 0.580 | SC-06918-S | UG/G  |
|                       | 16.300 | 0.530 | SC-06909-S | UG/G  |
|                       | 11.000 | 0.600 | SC-07707-S | UG/G  |
|                       | 16.500 | 0.530 | SC-06901-S | UG/G  |
|                       | 14.100 | 0.540 | SC-06813-S | UG/G  |
|                       | 14.700 | 0.550 | SC-06810-S | UG/G  |
|                       | 18.000 | 0.520 | SC-06807-S | UG/G  |
|                       | 22.100 | 0.580 | SC-06804-S | UG/G  |
|                       | 20.000 | 0.570 | SC-06801-S | UG/G  |
|                       | 20.300 | 0.690 | SC-07721-C | UG/G  |
|                       | 18.500 | 0.610 | SC-07719-S | UG/G  |
|                       | 12.100 | 0.570 | SC-07718-S | UG/G  |
|                       | 19.100 | 0.650 | SC-07716-S | UG/G  |
|                       | 17.300 | 0.590 | SC-07717-S | UG/G  |
|                       | 16.900 | 0.600 | SC-07713-S | UG/G  |
|                       | 15.900 | 0.560 | SC-07710-S | UG/G  |
|                       | 16.300 | 0.570 | SC-07709-S | UG/G  |
|                       | 22.700 | 0.630 | SC-07128-S | UG/G  |
|                       | 17.100 | 0.570 | SC-07129-S | UG/G  |
|                       | 17.100 | 0.610 | SC-07701-S | UG/G  |
|                       | 14.200 | 0.580 | SC-07130-S | UG/G  |
|                       | 12.700 | 0.580 | SC-07704-S | UG/G  |
|                       | 13.400 | 0.640 | SC-07701-U | UG/G  |
|                       | 24.100 | 0.630 | SC-07702-U | UG/G  |
|                       | 16.800 | 0.580 | SC-07703-U | UG/G  |
|                       | 12.100 | 0.600 | SC-07704-U | UG/G  |
|                       | 20.900 | 0.600 | SC-07705-U | UG/G  |
|                       | 15.600 | 0.600 | SC-07706-U | UG/G  |

CHROMIUM AVERAGE = 16.918 UG/G

## CU077 DATA REPORT (CONTINUED)

| PARAMETER         | CONC    | DL    | LOCATION   | UNITS |
|-------------------|---------|-------|------------|-------|
| LEAD (29 SAMPLES) |         |       |            |       |
|                   | 19.000  | 0.360 | SC-07707-S | UG/G  |
|                   | 101.000 | 0.320 | SC-06901-S | UG/G  |
|                   | 34.600  | 0.330 | SC-06813-S | UG/G  |
|                   | 57.400  | 0.320 | SC-06909-S | UG/G  |
|                   | 14.400  | 0.330 | SC-06810-S | UG/G  |
|                   | 10.900  | 0.350 | SC-07129-S | UG/G  |
|                   | 17.100  | 0.380 | SC-07128-S | UG/G  |
|                   | 13.800  | 0.360 | SC-07130-S | UG/G  |
|                   | 8.900   | 0.370 | SC-07701-S | UG/G  |
|                   | 9.100   | 0.350 | SC-07704-S | UG/G  |
|                   | 18.500  | 0.320 | SC-06807-S | UG/G  |
|                   | 18.200  | 0.350 | SC-06804-S | UG/G  |
|                   | 25.100  | 0.350 | SC-06801-S | UG/G  |
|                   | 8.700   | 0.350 | SC-07708-S | UG/G  |
|                   | 12.400  | 0.370 | SC-07719-S | UG/G  |
|                   | 9.500   | 0.350 | SC-07718-S | UG/G  |
|                   | 14.700  | 0.390 | SC-07716-S | UG/G  |
|                   | 10.900  | 0.360 | SC-07717-S | UG/G  |
|                   | 15.600  | 0.360 | SC-07713-S | UG/G  |
|                   | 16.000  | 0.420 | SC-07721-C | UG/G  |
|                   | 17.900  | 0.340 | SC-07709-S | UG/G  |
|                   | 15.700  | 0.340 | SC-07710-S | UG/G  |
|                   | 14.900  | 0.350 | SC-06918-S | UG/G  |
|                   | 14.500  | 0.390 | SC-07701-U | UG/G  |
|                   | 16.200  | 0.380 | SC-07702-U | UG/G  |
|                   | 13.400  | 0.350 | SC-07703-U | UG/G  |
|                   | 14.500  | 0.370 | SC-07704-U | UG/G  |
|                   | 18.400  | 0.370 | SC-07705-U | UG/G  |
|                   | 13.100  | 0.360 | SC-07706-U | UG/G  |

LEAD AVERAGE = 19.807 UG/G

## THALLIUM (21 SAMPLES)

|       |       |            |      |
|-------|-------|------------|------|
| 0.440 | 0.880 | SC-07128-S | UG/G |
| 0.415 | 0.830 | SC-07707-S | UG/G |
| 1.300 | 0.800 | SC-07708-S | UG/G |
| 1.400 | 0.850 | SC-07701-S | UG/G |
| 1.100 | 0.810 | SC-07704-S | UG/G |
| 1.000 | 0.810 | SC-07130-S | UG/G |
| 0.395 | 0.790 | SC-07129-S | UG/G |
| 0.475 | 0.950 | SC-07721-C | UG/G |
| 0.415 | 0.830 | SC-07713-S | UG/G |
| 0.415 | 0.830 | SC-07717-S | UG/G |
| 0.430 | 0.900 | SC-07716-S | UG/G |
| 0.395 | 0.790 | SC-07718-S | UG/G |
| 0.425 | 0.850 | SC-07719-S | UG/G |
| 0.395 | 0.790 | SC-07709-S | UG/G |
| 0.390 | 0.780 | SC-07710-S | UG/G |
| 0.445 | 0.890 | SC-07701-U | UG/G |
| 0.440 | 0.880 | SC-07702-U | UG/G |
| 0.405 | 0.810 | SC-07703-U | UG/G |
| 0.420 | 0.840 | SC-07704-U | UG/G |
| 0.420 | 0.840 | SC-07705-U | UG/G |
| 0.415 | 0.830 | SC-07706-U | UG/G |

THALLIUM AVERAGE = 0.569 UG/G

## CU077 DATA REPORT (CONTINUED)

| PARAMETER               | CONC  | DL    | LOCATION    | UNITS |
|-------------------------|-------|-------|-------------|-------|
| RADIUM-226 (21 SAMPLES) |       |       |             |       |
|                         | 2.066 | 0.390 | SC-07721-C  | PCI/G |
|                         | 1.680 | 0.320 | SC-07719-S  | PCI/G |
|                         | 2.247 | 0.300 | SC-07718-S  | PCI/G |
|                         | 2.066 | 0.340 | SC-07717-S  | PCI/G |
|                         | 2.225 | 0.370 | SC-07716-S  | PCI/G |
|                         | 2.225 | 0.270 | SC-07713-S  | PCI/G |
|                         | 1.861 | 0.290 | SC-07712-S  | PCI/G |
|                         | 2.361 | 0.370 | SC-077129-S | PCI/G |
|                         | 2.610 | 0.310 | SC-077130-S | PCI/G |
|                         | 2.361 | 0.330 | SC-07701-S  | PCI/G |
|                         | 2.679 | 0.340 | SC-07704-S  | PCI/G |
|                         | 1.476 | 0.350 | SC-07707-S  | PCI/G |
|                         | 1.793 | 0.320 | SC-07708-S  | PCI/G |
|                         | 1.930 | 0.390 | SC-07709-S  | PCI/G |
|                         | 1.022 | 0.240 | SC-07710-S  | PCI/G |
|                         | 1.500 | 0.330 | SC-07701-U  | PCI/G |
|                         | 1.390 | 0.260 | SC-07702-U  | PCI/G |
|                         | 1.410 | 0.380 | SC-07703-U  | PCI/G |
|                         | 1.680 | 0.250 | SC-07704-U  | PCI/G |
|                         | 2.700 | 0.410 | SC-07705-U  | PCI/G |
|                         | 2.325 | 0.290 | SC-07706-U  | PCI/G |

RADIUM-226 AVERAGE = 1.991 PCI/G

|                         |       |       |             |       |
|-------------------------|-------|-------|-------------|-------|
| RADIUM-228 (21 SAMPLES) |       |       |             |       |
|                         | 1.410 | 0.400 | SC-07713-S  | PCI/G |
|                         | 1.540 | 0.540 | SC-07716-S  | PCI/G |
|                         | 1.060 | 0.510 | SC-07717-S  | PCI/G |
|                         | 1.570 | 0.410 | SC-07718-S  | PCI/G |
|                         | 1.260 | 0.480 | SC-07721-C  | PCI/G |
|                         | 1.340 | 0.390 | SC-07719-S  | PCI/G |
|                         | 0.420 | 0.840 | SC-07710-S  | PCI/G |
|                         | 1.140 | 0.460 | SC-07708-S  | PCI/G |
|                         | 1.370 | 0.490 | SC-07709-S  | PCI/G |
|                         | 1.500 | 0.620 | SC-07707-S  | PCI/G |
|                         | 1.100 | 0.550 | SC-07704-S  | PCI/G |
|                         | 0.580 | 1.160 | SC-077130-S | PCI/G |
|                         | 1.340 | 0.540 | SC-07701-S  | PCI/G |
|                         | 0.910 | 0.510 | SC-077129-S | PCI/G |
|                         | 1.110 | 0.550 | SC-077128-S | PCI/G |
|                         | 1.290 | 0.370 | SC-07701-U  | PCI/G |
|                         | 1.270 | 0.420 | SC-07702-U  | PCI/G |
|                         | 0.530 | 1.060 | SC-07703-U  | PCI/G |
|                         | 1.400 | 0.240 | SC-07704-U  | PCI/G |
|                         | 1.340 | 0.390 | SC-07705-U  | PCI/G |
|                         | 1.290 | 0.570 | SC-07706-U  | PCI/G |

RADIUM-228 AVERAGE = 1.188 PCI/G

09/06/96

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## CU077 DATA REPORT (CONTINUED)

| PARAMETER                | CONC  | DL    | LOCATION   | UNITS |
|--------------------------|-------|-------|------------|-------|
| THORIUM-230 (29 SAMPLES) |       |       |            |       |
|                          | 3.860 | 2.270 | SC-06909-S | PCU/G |
|                          | 1.420 | 0.047 | SC-06801-S | PCU/G |
|                          | 3.360 | 2.270 | SC-06901-S | PCU/G |
|                          | 3.090 | 0.720 | SC-07128-S | PCU/G |
|                          | 1.220 | 0.720 | SC-07129-S | PCU/G |
|                          | 1.120 | 0.720 | SC-07130-S | PCU/G |
|                          | 0.770 | 0.720 | SC-07701-S | PCU/G |
|                          | 0.800 | 0.720 | SC-07704-S | PCU/G |
|                          | 0.900 | 0.720 | SC-07707-S | PCU/G |
|                          | 0.900 | 0.720 | SC-07708-S | PCU/G |
|                          | 0.930 | 0.720 | SC-07709-S | PCU/G |
|                          | 0.800 | 0.720 | SC-07710-S | PCU/G |
|                          | 2.780 | 2.270 | SC-06918-S | PCU/G |
|                          | 1.270 | 0.031 | SC-06810-S | PCU/G |
|                          | 1.470 | 0.078 | SC-06807-S | PCU/G |
|                          | 1.370 | 0.051 | SC-06813-S | PCU/G |
|                          | 1.500 | 0.060 | SC-06804-S | PCU/G |
|                          | 0.910 | 0.720 | SC-07713-S | PCU/G |
|                          | 0.850 | 0.720 | SC-07716-S | PCU/G |
|                          | 0.890 | 0.720 | SC-07717-S | PCU/G |
|                          | 1.140 | 0.720 | SC-07718-S | PCU/G |
|                          | 1.020 | 0.720 | SC-07719-S | PCU/G |
|                          | 1.160 | 0.720 | SC-07721-C | PCU/G |
|                          | 1.050 | 0.720 | SC-07701-U | PCU/G |
|                          | 0.860 | 0.720 | SC-07702-U | PCU/G |
|                          | 1.230 | 0.720 | SC-07703-U | PCU/G |
|                          | 0.870 | 0.720 | SC-07704-U | PCU/G |
|                          | 1.170 | 0.720 | SC-07705-U | PCU/G |
|                          | 1.090 | 0.720 | SC-07706-U | PCU/G |

THORIUM-230 AVERAGE = 1.373 PCU/G

## CU077 DATA REPORT (CONTINUED)

| PARAMETER                | CONC   | DL    | LOCATION   | UNITS |
|--------------------------|--------|-------|------------|-------|
| URANIUM-238 (38 SAMPLES) |        |       |            |       |
|                          | 1.990  | 3.980 | SC-07128-S | PCI/G |
|                          | 2.700  | 2.870 | SC-07129-S | PCI/G |
|                          | 2.040  | 4.080 | SC-07130-S | PCI/G |
|                          | 1.940  | 2.550 | SC-07701-S | PCI/G |
|                          | 2.000  | 4.000 | SC-07702-S | PCI/G |
|                          | 1.515  | 3.030 | SC-07703-S | PCI/G |
|                          | 1.880  | 3.760 | SC-07704-S | PCI/G |
|                          | 1.640  | 2.340 | SC-07705-S | PCI/G |
|                          | 2.205  | 4.410 | SC-07706-S | PCI/G |
|                          | 1.885  | 3.770 | SC-07707-S | PCI/G |
|                          | 1.510  | 3.020 | SC-07708-S | PCI/G |
|                          | 4.250  | 2.880 | SC-07709-S | PCI/G |
|                          | 1.530  | 3.060 | SC-07710-S | PCI/G |
|                          | 29.310 | 4.950 | SC-06909-S | PCI/G |
|                          | 20.960 | 5.490 | SC-06901-S | PCI/G |
|                          | 1.960  | 2.570 | SC-07711-S | PCI/G |
|                          | 2.000  | 3.130 | SC-07712-S | PCI/G |
|                          | 1.550  | 3.100 | SC-07713-S | PCI/G |
|                          | 1.610  | 3.220 | SC-07714-S | PCI/G |
|                          | 1.530  | 3.060 | SC-07715-S | PCI/G |
|                          | 1.970  | 3.940 | SC-07716-S | PCI/G |
|                          | 1.885  | 3.770 | SC-07717-S | PCI/G |
|                          | 4.670  | 2.280 | SC-07718-S | PCI/G |
|                          | 1.550  | 3.100 | SC-07719-S | PCI/G |
|                          | 1.545  | 3.090 | SC-07720-S | PCI/G |
|                          | 3.690  | 2.850 | SC-07721-S | PCI/G |
|                          | 1.945  | 3.890 | SC-06918-S | PCI/G |
|                          | 2.115  | 4.230 | SC-06801-S | PCI/G |
|                          | 1.675  | 3.350 | SC-06804-S | PCI/G |
|                          | 1.940  | 3.880 | SC-06807-S | PCI/G |
|                          | 1.530  | 3.060 | SC-06810-S | PCI/G |
|                          | 8.290  | 4.330 | SC-06813-S | PCI/G |
|                          | 1.970  | 3.940 | SC-07701-U | PCI/G |
|                          | 1.375  | 2.750 | SC-07702-U | PCI/G |
|                          | 1.985  | 3.970 | SC-07703-U | PCI/G |
|                          | 1.435  | 2.870 | SC-07704-U | PCI/G |
|                          | 10.390 | 4.740 | SC-07705-U | PCI/G |
|                          | 1.510  | 3.020 | SC-07706-U | PCI/G |

URANIUM-238 AVERAGE = 3.418 PCI/G

**APPENDIX D**  
**Analytical Data**

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB | LAB      | DATE     | SAMPLINK   | DATE   |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|-----|----------|----------|------------|--------|
| SC-05102-S | RADIUM-226  | 1.62  | 0.11 | 0.34  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3575  |     | WP0138.0 | 10/24/98 | 0000023644 | 9/6/98 |
| SC-05102-S | RADIUM-226  | 1.55  | 0.15 | 0.58  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3575  |     | WP0138.0 | 10/24/98 | 0000023644 | 9/6/98 |
| SC-05102-S | URANIUM-238 | 4.47  | 0.88 | 2.57  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3575  |     | WP0138.0 | 10/24/98 | 0000023644 | 9/6/98 |
| SC-05103-C | RADIUM-226  | 1.48  | 0.10 | 0.32  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3577  |     | WP0138.0 | 10/24/98 | 0000023651 | 9/6/98 |
| SC-05103-C | RADIUM-226  | 1.38  | 0.12 | 0.31  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3577  |     | WP0138.0 | 10/24/98 | 0000023651 | 9/6/98 |
| SC-05103-S | RADIUM-226  | 1.25  | 0.10 | 0.35  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3578  |     | WP0138.0 | 10/24/98 | 0000023649 | 9/6/98 |
| SC-05103-S | RADIUM-226  | 1.27  | 0.13 | 0.50  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3578  |     | WP0138.0 | 10/24/98 | 0000023649 | 9/6/98 |
| SC-05103-S | URANIUM-238 | ND    |      | 3.31  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3578  |     | WP0138.0 | 10/24/98 | 0000023649 | 9/6/98 |
| SC-05104-S | AROCOR-1248 | ND    |      | 35.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029001 | U   | QT1477.0 | 9/9/98   | 0000023652 | 9/6/98 |
| SC-05104-S | AROCOR-1254 | ND    |      | 35.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029001 | U   | QT1477.0 | 9/9/98   | 0000023652 | 9/6/98 |
| SC-05104-S | AROCOR-1260 | ND    |      | 35.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029001 | U   | QT1477.0 | 9/9/98   | 0000023652 | 9/6/98 |
| SC-05104-S | ARSENIC     | 7.60  |      | 0.43  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029001 |     | QT1477.0 | 9/7/98   | 0000023652 | 9/6/98 |
| SC-05104-S | CHROMIUM    | 10.20 |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029001 |     | QT1477.0 | 9/7/98   | 0000023652 | 9/6/98 |
| SC-05104-S | LEAD        | 13.50 |      | 0.30  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029001 |     | QT1477.0 | 9/7/98   | 0000023652 | 9/6/98 |
| SC-05104-S | RADIUM-226  | 1.63  | 0.13 | 0.27  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3579  |     | WP0138.0 | 10/24/98 | 0000023652 | 9/6/98 |
| SC-05104-S | RADIUM-226  | 1.71  | 0.20 | 0.74  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3579  |     | WP0138.0 | 10/24/98 | 0000023652 | 9/6/98 |
| SC-05104-S | THORIUM-230 | 0.99  | 0.11 | 0.72  | PCIG  | *   |      |          | EMI TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3579  |     | WP0138.0 | 9/9/98   | 0000023652 | 9/6/98 |
| SC-05104-S | URANIUM-238 | 5.84  | 1.63 | 4.48  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3579  |     | WP0138.0 | 10/24/98 | 0000023652 | 9/6/98 |
| SC-05105-S | AROCOR-1248 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029002 | U   | QT1477.0 | 9/9/98   | 0000023653 | 9/6/98 |
| SC-05105-S | AROCOR-1254 | 48.00 |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029002 |     | QT1477.0 | 9/9/98   | 0000023653 | 9/6/98 |
| SC-05105-S | AROCOR-1260 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029002 | U   | QT1477.0 | 9/9/98   | 0000023653 | 9/6/98 |
| SC-05105-S | ARSENIC     | 9.80  |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029002 |     | QT1477.0 | 9/7/98   | 0000023653 | 9/6/98 |
| SC-05105-S | CHROMIUM    | 18.10 |      | 0.59  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029002 |     | QT1477.0 | 9/7/98   | 0000023653 | 9/6/98 |
| SC-05105-S | LEAD        | 18.60 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029002 |     | QT1477.0 | 9/7/98   | 0000023653 | 9/6/98 |
| SC-05105-S | RADIUM-226  | 1.80  | 0.11 | 0.30  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3580  |     | WP0138.0 | 10/24/98 | 0000023653 | 9/6/98 |
| SC-05105-S | RADIUM-226  | 1.10  | 0.13 | 0.48  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3580  |     | WP0138.0 | 10/24/98 | 0000023653 | 9/6/98 |
| SC-05105-S | THORIUM-230 | 1.34  | 0.17 | 0.72  | PCIG  | *   |      |          | EMI TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3580  |     | WP0138.0 | 9/9/98   | 0000023653 | 9/6/98 |
| SC-05105-S | URANIUM-238 | 10.00 | 1.42 | 2.43  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3580  |     | WP0138.0 | 10/24/98 | 0000023653 | 9/6/98 |
| SC-05106-S | RADIUM-226  | 1.54  | 0.14 | 0.40  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3581  |     | WP0138.0 | 10/25/98 | 0000023654 | 9/6/98 |
| SC-05106-S | RADIUM-226  | ND    |      | 1.42  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3581  |     | WP0138.0 | 10/25/98 | 0000023654 | 9/6/98 |
| SC-05106-S | URANIUM-238 | 7.39  | 1.51 | 4.54  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3581  |     | WP0138.0 | 10/25/98 | 0000023654 | 9/6/98 |
| SC-05106-C | RADIUM-226  | 1.55  | 0.11 | 0.34  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3582  |     | WP0138.0 | 10/25/98 | 0000023656 | 9/6/98 |
| SC-05106-C | RADIUM-226  | 1.37  | 0.14 | 0.48  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3582  |     | WP0138.0 | 10/25/98 | 0000023656 | 9/6/98 |
| SC-05106-S | URANIUM-238 | ND    |      | 3.18  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3583  |     | WP0138.0 | 9/8/98   | 0000023656 | 9/6/98 |
| SC-05109-S | RADIUM-226  | 1.33  | 0.12 | 0.38  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3584  |     | WP0138.0 | 10/25/98 | 0000023657 | 9/6/98 |
| SC-05109-S | RADIUM-226  | 1.58  | 0.18 | 0.45  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3584  |     | WP0138.0 | 10/25/98 | 0000023657 | 9/6/98 |
| SC-05109-S | URANIUM-238 | 29.60 | 3.78 | 6.25  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3584  |     | WP0138.0 | 10/25/98 | 0000023657 | 9/6/98 |
| SC-05110-C | RADIUM-226  | 1.63  | 0.11 | 0.38  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3585  |     | WP0138.0 | 10/25/98 | 0000023658 | 9/6/98 |
| SC-05110-C | RADIUM-226  | 1.08  | 0.14 | 0.37  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3585  |     | WP0138.0 | 10/25/98 | 0000023658 | 9/6/98 |
| SC-05110-C | URANIUM-238 | 11.80 | 1.53 | 2.87  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3585  |     | WP0138.0 | 10/25/98 | 0000023658 | 9/6/98 |
| SC-05110-S | AROCOR-1248 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029003 | U   | QT1477.0 | 9/9/98   | 0000023659 | 9/6/98 |
| SC-05110-S | AROCOR-1254 | 45.00 |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029003 |     | QT1477.0 | 9/9/98   | 0000023659 | 9/6/98 |
| SC-05110-S | AROCOR-1260 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029003 | U   | QT1477.0 | 9/9/98   | 0000023659 | 9/6/98 |
| SC-05110-S | ARSENIC     | 8.70  |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029003 |     | QT1477.0 | 9/7/98   | 0000023659 | 9/6/98 |
| SC-05110-S | CHROMIUM    | 14.80 |      | 0.59  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029003 |     | QT1477.0 | 9/7/98   | 0000023659 | 9/6/98 |
| SC-05110-S | LEAD        | 14.00 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029003 |     | QT1477.0 | 9/7/98   | 0000023659 | 9/6/98 |
| SC-05110-S | RADIUM-226  | 1.41  | 0.12 | 0.30  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3586  |     | WP0138.0 | 10/25/98 | 0000023659 | 9/6/98 |
| SC-05110-S | RADIUM-226  | 1.18  | 0.19 | 0.71  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3586  |     | WP0138.0 | 10/25/98 | 0000023659 | 9/6/98 |

APPENDIX D TABLE D-1

| WSRAP ID   | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | OIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANAL | SAMPLINK   | DATE SAMPLED |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|----------|----------|----------|----------|-----------|------------|--------------|
| SC-05110-S | THORIUM-230 | 0.97  | 0.12 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3588  |          | WP0138.0 | 9/8/98    | 0000023659 | 9/8/98       |
| SC-05110-S | URANIUM-238 | 5.00  | 1.26 | 3.22  | PC/B  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3588  |          | WP0138.0 | 10/25/98  | 0000023659 | 9/8/98       |
| SC-05111-C | RADIUM-226  | 1.34  | 0.11 | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3587  |          | WP0138.0 | 10/25/98  | 0000023660 | 9/8/98       |
| SC-05111-C | RADIUM-228  | 1.10  | 0.13 | 0.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3587  |          | WP0138.0 | 10/25/98  | 0000023660 | 9/8/98       |
| SC-05111-S | AROCOR-1248 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12029004 | U        | QT1477.0 | 9/8/98    | 0000023661 | 9/8/98       |
| SC-05111-S | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12029004 | U        | QT1477.0 | 9/8/98    | 0000023661 | 9/8/98       |
| SC-05111-S | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12029004 | U        | QT1477.0 | 9/8/98    | 0000023661 | 9/8/98       |
| SC-05111-S | ARSENIC     | 8.30  |      | 0.45  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12029004 |          | QT1477.0 | 9/7/98    | 0000023661 | 9/8/98       |
| SC-05111-S | CHROMIUM    | 17.40 |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12029004 |          | QT1477.0 | 9/7/98    | 0000023661 | 9/8/98       |
| SC-05111-S | LEAD        | 11.50 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12029004 |          | QT1477.0 | 9/7/98    | 0000023661 | 9/8/98       |
| SC-05111-S | RADIUM-226  | 1.74  | 0.14 | 0.38  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3588  |          | WP0138.0 | 10/25/98  | 0000023661 | 9/8/98       |
| SC-05111-S | RADIUM-228  | 1.29  | 0.17 | 0.64  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3588  |          | WP0138.0 | 10/25/98  | 0000023661 | 9/8/98       |
| SC-05111-S | THORIUM-230 | 1.22  | 0.14 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3588  |          | WP0138.0 | 9/8/98    | 0000023661 | 9/8/98       |
| SC-05111-S | URANIUM-238 | 9.67  | 1.61 | 4.01  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3588  |          | WP0138.0 | 10/25/98  | 0000023661 | 9/8/98       |
| SC-05112-C | RADIUM-226  | 1.39  | 0.11 | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3589  |          | WP0138.0 | 10/25/98  | 0000023662 | 9/8/98       |
| SC-05112-C | RADIUM-228  | 1.11  | 0.13 | 0.40  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3589  |          | WP0138.0 | 10/25/98  | 0000023662 | 9/8/98       |
| SC-05112-C | URANIUM-238 | -2.59 | 0.78 | 3.08  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3589  |          | WP0138.0 | 10/25/98  | 0000023662 | 9/8/98       |
| SC-05112-S | RADIUM-226  | 1.67  | 0.14 | 0.38  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3590  |          | WP0138.0 | 10/25/98  | 0000023663 | 9/8/98       |
| SC-05112-S | RADIUM-228  | ND    |      | 1.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3590  |          | WP0138.0 | 10/25/98  | 0000023663 | 9/8/98       |
| SC-05112-S | URANIUM-238 | 23.60 | 2.86 | 4.08  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3590  |          | WP0138.0 | 10/25/98  | 0000023663 | 9/8/98       |
| SC-05114-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12029005 | U        | QT1477.0 | 9/8/98    | 0000023664 | 9/8/98       |
| SC-05114-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12029005 | U        | QT1477.0 | 9/8/98    | 0000023664 | 9/8/98       |
| SC-05114-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12029005 | U        | QT1477.0 | 9/8/98    | 0000023664 | 9/8/98       |
| SC-05114-S | ARSENIC     | 4.70  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12029005 |          | QT1477.0 | 9/7/98    | 0000023664 | 9/8/98       |
| SC-05114-S | CHROMIUM    | 13.50 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12029005 |          | QT1477.0 | 9/7/98    | 0000023664 | 9/8/98       |
| SC-05114-S | LEAD        | 9.00  |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12029005 |          | QT1477.0 | 9/7/98    | 0000023664 | 9/8/98       |
| SC-05114-S | RADIUM-226  | 1.42  | 0.10 | 0.27  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3591  |          | WP0138.0 | 10/25/98  | 0000023664 | 9/8/98       |
| SC-05114-S | RADIUM-228  | 1.16  | 0.13 | 0.42  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3591  |          | WP0138.0 | 10/25/98  | 0000023664 | 9/8/98       |
| SC-05114-S | THORIUM-230 | 1.00  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3591  |          | WP0138.0 | 9/8/98    | 0000023664 | 9/8/98       |
| SC-05114-S | URANIUM-238 | ND    |      | 2.98  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3591  |          | WP0138.0 | 10/25/98  | 0000023664 | 9/8/98       |
| SC-05115-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12029006 | U        | QT1477.0 | 9/8/98    | 0000023665 | 9/8/98       |
| SC-05115-S | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12029006 | U        | QT1477.0 | 9/8/98    | 0000023665 | 9/8/98       |
| SC-05115-S | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12029006 | U        | QT1477.0 | 9/8/98    | 0000023665 | 9/8/98       |
| SC-05115-S | ARSENIC     | 5.80  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12029006 |          | QT1477.0 | 9/7/98    | 0000023665 | 9/8/98       |
| SC-05115-S | CHROMIUM    | 12.10 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12029006 |          | QT1477.0 | 9/7/98    | 0000023665 | 9/8/98       |
| SC-05115-S | LEAD        | 10.10 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12029006 |          | QT1477.0 | 9/7/98    | 0000023665 | 9/8/98       |
| SC-05115-S | RADIUM-226  | 1.53  | 0.12 | 0.27  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3592  |          | WP0138.0 | 10/25/98  | 0000023665 | 9/8/98       |
| SC-05115-S | RADIUM-228  | 1.16  | 0.17 | 0.58  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3592  |          | WP0138.0 | 10/25/98  | 0000023665 | 9/8/98       |
| SC-05115-S | THORIUM-230 | 1.25  | 0.16 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3592  |          | WP0138.0 | 9/8/98    | 0000023665 | 9/8/98       |
| SC-05115-S | URANIUM-238 | ND    |      | 4.31  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3592  |          | WP0138.0 | 10/25/98  | 0000023665 | 9/8/98       |
| SC-05116-C | RADIUM-226  | 1.48  | 0.10 | 0.26  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3593  |          | WP0138.0 | 10/25/98  | 0000023667 | 9/8/98       |
| SC-05116-C | RADIUM-228  | 1.59  | 0.15 | 0.38  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3593  |          | WP0138.0 | 10/25/98  | 0000023667 | 9/8/98       |
| SC-05116-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12029007 | U        | QT1477.0 | 9/8/98    | 0000023668 | 9/8/98       |
| SC-05116-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12029007 | U        | QT1477.0 | 9/8/98    | 0000023668 | 9/8/98       |
| SC-05116-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12029007 | U        | QT1477.0 | 9/8/98    | 0000023668 | 9/8/98       |
| SC-05116-S | ARSENIC     | 10.20 |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12029007 |          | QT1477.0 | 9/7/98    | 0000023668 | 9/8/98       |
| SC-05116-S | CHROMIUM    | 14.80 |      | 0.56  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12029007 |          | QT1477.0 | 9/7/98    | 0000023668 | 9/8/98       |
| SC-05116-S | LEAD        | 18.10 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12029007 |          | QT1477.0 | 9/7/98    | 0000023668 | 9/8/98       |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB | LAB      | DATE     | SAMPLINK   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|-----|----------|----------|------------|---------|
| SC-05118-S | RADIUM-226  | 1.47  | 0.10 | 0.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3594  |     | WP0138.0 | 10/25/96 | 0000023668 | 9/6/96  |
| SC-05116-S | RADIUM-226  | 1.14  | 0.13 | 0.40  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3594  |     | WP0138.0 | 10/25/96 | 0000023668 | 9/6/96  |
| SC-05116-S | THORIUM-230 | 1.14  | 0.13 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3594  |     | WP0138.0 | 9/9/96   | 0000023668 | 9/6/96  |
| SC-05116-S | URANIUM-238 | 4.68  | 0.91 | 3.18  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3594  |     | WP0138.0 | 10/25/96 | 0000023668 | 9/6/96  |
| SC-05117-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029008 | U   | QT1477.0 | 9/9/96   | 0000023668 | 9/6/96  |
| SC-05117-S | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029008 | U   | QT1477.0 | 9/9/96   | 0000023668 | 9/6/96  |
| SC-05117-S | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029008 | U   | QT1477.0 | 9/9/96   | 0000023668 | 9/6/96  |
| SC-05117-S | ARSENIC     | 5.80  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029008 |     | QT1477.0 | 9/7/96   | 0000023668 | 9/6/96  |
| SC-05117-S | CHROMIUM    | 14.90 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029008 |     | QT1477.0 | 9/7/96   | 0000023668 | 9/6/96  |
| SC-05117-S | LEAD        | 12.90 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029008 |     | QT1477.0 | 9/7/96   | 0000023668 | 9/6/96  |
| SC-05117-S | RADIUM-226  | 1.41  | 0.13 | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3595  |     | WP0138.0 | 10/25/96 | 0000023668 | 9/6/96  |
| SC-05117-S | RADIUM-228  | 1.31  | 0.18 | 0.49  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3595  |     | WP0138.0 | 10/25/96 | 0000023668 | 9/6/96  |
| SC-05117-S | THORIUM-230 | 1.01  | 0.12 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3595  |     | WP0138.0 | 9/9/96   | 0000023668 | 9/6/96  |
| SC-05117-S | URANIUM-238 | 4.62  | 1.25 | 3.25  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3595  |     | WP0138.0 | 10/25/96 | 0000023668 | 9/6/96  |
| SC-05118-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029009 | U   | QT1477.0 | 9/9/96   | 0000023668 | 9/6/96  |
| SC-05118-S | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029009 | U   | QT1477.0 | 9/9/96   | 0000023668 | 9/6/96  |
| SC-05118-S | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029009 | U   | QT1477.0 | 9/9/96   | 0000023668 | 9/6/96  |
| SC-05118-S | ARSENIC     | 4.90  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029009 |     | QT1477.0 | 9/7/96   | 0000023668 | 9/6/96  |
| SC-05118-S | CHROMIUM    | 15.80 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029009 |     | QT1477.0 | 9/7/96   | 0000023668 | 9/6/96  |
| SC-05118-S | LEAD        | 9.30  |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029009 |     | QT1477.0 | 9/7/96   | 0000023668 | 9/6/96  |
| SC-05118-S | RADIUM-226  | 1.56  | 0.11 | 0.34  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3596  |     | WP0138.0 | 10/25/96 | 0000023668 | 9/6/96  |
| SC-05118-S | RADIUM-228  | ND    |      | 0.97  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3596  |     | WP0138.0 | 10/25/96 | 0000023668 | 9/6/96  |
| SC-05118-S | THORIUM-230 | -0.70 | 0.06 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3596  |     | WP0138.0 | 9/9/96   | 0000023668 | 9/6/96  |
| SC-05118-S | URANIUM-238 | 3.79  | 0.85 | 2.67  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3596  |     | WP0138.0 | 10/25/96 | 0000023668 | 9/6/96  |
| SC-05120-S | URANIUM-238 | ND    |      | 3.67  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3749  |     | WP0144.0 | 9/20/96  | 0000023670 | 9/18/96 |
| SC-05121-S | URANIUM-238 | ND    |      | 4.23  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3750  |     | WP0144.0 | 9/20/96  | 0000023671 | 9/18/96 |
| SC-05122-S | AROCOR-1248 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12199001 | U   | QT1493.0 | 9/20/96  | 0000023672 | 9/18/96 |
| SC-05122-S | AROCOR-1254 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12199001 | U   | QT1493.0 | 9/20/96  | 0000023672 | 9/18/96 |
| SC-05122-S | AROCOR-1260 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12199001 | U   | QT1493.0 | 9/20/96  | 0000023672 | 9/18/96 |
| SC-05122-S | ARSENIC     | 10.90 |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12199001 |     | QT1493.0 | 9/20/96  | 0000023672 | 9/18/96 |
| SC-05122-S | CHROMIUM    | 16.00 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12199001 |     | QT1493.0 | 9/20/96  | 0000023672 | 9/18/96 |
| SC-05122-S | LEAD        | 14.00 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12199001 |     | QT1493.0 | 9/20/96  | 0000023672 | 9/18/96 |
| SC-05122-S | RADIUM-226  | 1.43  | 0.13 | 0.27  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3751  |     | WP0144.0 | 10/28/96 | 0000023672 | 9/18/96 |
| SC-05122-S | RADIUM-228  | 1.10  | 0.16 | 0.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3751  |     | WP0144.0 | 10/28/96 | 0000023672 | 9/18/96 |
| SC-05122-S | THORIUM-230 | 0.98  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3751  |     | WP0144.0 | 9/20/96  | 0000023672 | 9/18/96 |
| SC-05122-S | URANIUM-238 | ND    |      | 4.73  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3751  |     | WP0144.0 | 10/28/96 | 0000023672 | 9/18/96 |
| SC-05123-S | AROCOR-1248 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12199002 | U   | QT1493.0 | 9/20/96  | 0000023673 | 9/18/96 |
| SC-05123-S | AROCOR-1254 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12199002 | U   | QT1493.0 | 9/20/96  | 0000023673 | 9/18/96 |
| SC-05123-S | AROCOR-1260 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12199002 | U   | QT1493.0 | 9/20/96  | 0000023673 | 9/18/96 |
| SC-05123-S | ARSENIC     | 9.40  |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12199002 |     | QT1493.0 | 9/20/96  | 0000023673 | 9/18/96 |
| SC-05123-S | CHROMIUM    | 22.60 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12199002 |     | QT1493.0 | 9/20/96  | 0000023673 | 9/18/96 |
| SC-05123-S | LEAD        | 10.20 |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12199002 |     | QT1493.0 | 9/20/96  | 0000023673 | 9/18/96 |
| SC-05123-S | RADIUM-226  | 1.32  | 0.13 | 0.47  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3752  |     | WP0144.0 | 10/28/96 | 0000023673 | 9/18/96 |
| SC-05123-S | RADIUM-228  | 1.73  | 0.20 | 0.60  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3752  |     | WP0144.0 | 10/28/96 | 0000023673 | 9/18/96 |
| SC-05123-S | THORIUM-230 | 1.04  | 0.13 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3752  |     | WP0144.0 | 9/20/96  | 0000023673 | 9/18/96 |
| SC-05123-S | URANIUM-238 | ND    |      | 4.12  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3752  |     | WP0144.0 | 10/28/96 | 0000023673 | 9/18/96 |
| SC-05124-S | URANIUM-238 | ND    |      | 4.58  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3753  |     | WP0144.0 | 9/20/96  | 0000023674 | 9/18/96 |
| SC-05201-S | URANIUM-238 | ND    |      | 4.19  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3597  |     | WP0138.0 | 9/6/96   | 0000023675 | 9/6/96  |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL<br>QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL<br>FACT | LAB<br>ID | LAB<br>QUAL | LAB<br>REQU | DATE<br>AMA | SAMPLING   | DATE<br>SAMPLED |
|------------|-------------|-------|------|-------|-------|-------------|----------|-----------|--------|---------------|-------------|-----------|-------------|-------------|-------------|------------|-----------------|
| SC-05202-S | URANIUM-238 | ND    |      | 3.12  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3754   |             | WP0144.0    | 9/20/98     | 0000023676 | 9/18/98         |
| SC-05203-S | URANIUM-238 | ND    |      | 3.70  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3755   |             | WP0144.0    | 9/20/98     | 0000023677 | 9/18/98         |
| SC-05204-S | URANIUM-238 | ND    |      | 3.04  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3756   |             | WP0144.0    | 9/20/98     | 0000023678 | 9/18/98         |
| SC-05205-S | URANIUM-238 | -1.86 | 0.58 | 2.04  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3757   |             | WP0144.0    | 9/20/98     | 0000023679 | 9/18/98         |
| SC-05206-S | URANIUM-238 | -2.32 | 1.05 | 3.24  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3698   |             | WP0138.0    | 9/9/98      | 0000023680 | 9/6/98          |
| SC-05207-S | URANIUM-238 | ND    |      | 3.17  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3758   |             | WP0144.0    | 9/20/98     | 0000023681 | 9/18/98         |
| SC-05208-S | URANIUM-238 | 4.70  | 0.82 | 2.63  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3759   |             | WP0144.0    | 9/20/98     | 0000023682 | 9/18/98         |
| SC-05209-S | URANIUM-238 | ND    |      | 4.38  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3760   |             | WP0144.0    | 9/20/98     | 0000023683 | 9/18/98         |
| SC-05210-S | URANIUM-238 | 3.53  | 1.20 | 3.48  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3761   |             | WP0144.0    | 9/20/98     | 0000023684 | 9/18/98         |
| SC-05211-S | AROCOR-1248 | ND    |      | 44.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12029010  | U           | QT1477.0    | 9/8/98      | 0000023685 | 9/6/98          |
| SC-05211-S | AROCOR-1254 | ND    |      | 44.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12029010  | U           | QT1477.0    | 9/8/98      | 0000023685 | 9/6/98          |
| SC-05211-S | AROCOR-1260 | ND    |      | 44.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12029010  | U           | QT1477.0    | 9/8/98      | 0000023685 | 9/6/98          |
| SC-05211-S | ARSENIC     | 4.50  |      | 0.54  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12029010  |             | QT1477.0    | 9/7/98      | 0000023685 | 9/6/98          |
| SC-05211-S | CHROMIUM    | 11.40 |      | 0.62  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12029010  |             | QT1477.0    | 9/7/98      | 0000023685 | 9/6/98          |
| SC-05211-S | LEAD        | 9.70  |      | 0.38  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12029010  |             | QT1477.0    | 9/7/98      | 0000023685 | 9/6/98          |
| SC-05211-S | RADIUM-226  | 1.28  | 0.10 | 0.29  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3589   |             | WP0138.0    | 10/25/98    | 0000023685 | 9/6/98          |
| SC-05211-S | RADIUM-226  | 1.02  | 0.12 | 0.37  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3589   |             | WP0138.0    | 10/25/98    | 0000023685 | 9/6/98          |
| SC-05211-S | THORIUM-230 | 0.79  | 0.08 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3589   |             | WP0138.0    | 9/6/98      | 0000023685 | 9/6/98          |
| SC-05211-S | URANIUM-238 | 3.26  | 0.74 | 2.54  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3589   |             | WP0138.0    | 10/25/98    | 0000023685 | 9/6/98          |
| SC-05212-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12199003  | U           | QT1493.0    | 9/20/98     | 0000023686 | 9/18/98         |
| SC-05212-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12199003  | U           | QT1493.0    | 9/20/98     | 0000023686 | 9/18/98         |
| SC-05212-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12199003  | U           | QT1493.0    | 9/20/98     | 0000023686 | 9/18/98         |
| SC-05212-S | ARSENIC     | 6.20  |      | 0.48  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12199003  |             | QT1493.0    | 9/20/98     | 0000023686 | 9/18/98         |
| SC-05212-S | CHROMIUM    | 15.80 |      | 0.58  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12199003  |             | QT1493.0    | 9/20/98     | 0000023686 | 9/18/98         |
| SC-05212-S | LEAD        | 10.00 |      | 0.34  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12199003  |             | QT1493.0    | 9/20/98     | 0000023686 | 9/18/98         |
| SC-05212-S | RADIUM-226  | 1.40  | 0.10 | 0.24  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3782   |             | WP0144.0    | 10/28/98    | 0000023686 | 9/18/98         |
| SC-05212-S | RADIUM-226  | 1.11  | 0.12 | 0.32  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3782   |             | WP0144.0    | 10/28/98    | 0000023686 | 9/18/98         |
| SC-05212-S | THORIUM-230 | 0.89  | 0.09 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3782   |             | WP0144.0    | 9/20/98     | 0000023686 | 9/18/98         |
| SC-05212-S | URANIUM-238 | 4.74  | 0.96 | 3.13  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3782   |             | WP0144.0    | 10/28/98    | 0000023686 | 9/18/98         |
| SC-05213-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12199004  | U           | QT1493.0    | 9/20/98     | 0000023687 | 9/18/98         |
| SC-05213-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12199004  | U           | QT1493.0    | 9/20/98     | 0000023687 | 9/18/98         |
| SC-05213-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12199004  | U           | QT1493.0    | 9/20/98     | 0000023687 | 9/18/98         |
| SC-05213-S | ARSENIC     | 5.00  |      | 0.48  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12199004  |             | QT1493.0    | 9/20/98     | 0000023687 | 9/18/98         |
| SC-05213-S | CHROMIUM    | 15.00 |      | 0.53  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12199004  |             | QT1493.0    | 9/20/98     | 0000023687 | 9/18/98         |
| SC-05213-S | LEAD        | 8.50  |      | 0.32  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12199004  |             | QT1493.0    | 9/20/98     | 0000023687 | 9/18/98         |
| SC-05213-S | RADIUM-226  | 1.40  | 0.13 | 0.37  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3783   |             | WP0144.0    | 10/28/98    | 0000023687 | 9/18/98         |
| SC-05213-S | RADIUM-226  | 1.20  | 0.18 | 0.89  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3783   |             | WP0144.0    | 10/28/98    | 0000023687 | 9/18/98         |
| SC-05213-S | THORIUM-230 | 0.80  | 0.09 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3783   |             | WP0144.0    | 9/20/98     | 0000023687 | 9/18/98         |
| SC-05213-S | URANIUM-238 | ND    |      | 4.83  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3783   |             | WP0144.0    | 10/28/98    | 0000023687 | 9/18/98         |
| SC-05214-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12199005  | U           | QT1493.0    | 9/20/98     | 0000023688 | 9/18/98         |
| SC-05214-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12199005  | U           | QT1493.0    | 9/20/98     | 0000023688 | 9/18/98         |
| SC-05214-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12199005  | U           | QT1493.0    | 9/20/98     | 0000023688 | 9/18/98         |
| SC-05214-S | ARSENIC     | 4.00  |      | 0.48  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12199005  |             | QT1493.0    | 9/20/98     | 0000023688 | 9/18/98         |
| SC-05214-S | CHROMIUM    | 13.80 |      | 0.56  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12199005  |             | QT1493.0    | 9/20/98     | 0000023688 | 9/18/98         |
| SC-05214-S | LEAD        | 13.80 |      | 0.34  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12199005  |             | QT1493.0    | 9/20/98     | 0000023688 | 9/18/98         |
| SC-05214-S | RADIUM-226  | 1.09  | 0.10 | 0.35  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3784   |             | WP0144.0    | 10/28/98    | 0000023688 | 9/18/98         |
| SC-05214-S | RADIUM-226  | 1.30  | 0.13 | 0.42  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3784   |             | WP0144.0    | 10/28/98    | 0000023688 | 9/18/98         |
| SC-05214-S | THORIUM-230 | -0.71 | 0.07 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3784   |             | WP0144.0    | 9/21/98     | 0000023688 | 9/18/98         |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC  | ERR  | DL    | UNITS | VAL   | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DL FACT | LAB ID   | LAB QUAL | LAB REQD | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|------------------------|-------|------|-------|-------|-------|------|----------|-----------|--------|----------------|---------|----------|----------|----------|----------|------------|--------------|
| SC-05214-S | URANIUM-238            | ND    |      | 3.01  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3764  |          | WP0144.0 | 10/28/96 | 0000023688 | 9/18/96      |
| SC-05215-S | AROCOR-1248            | ND    |      | 39.00 | UG/KG | *     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12199007 | U        | QT1493.0 | 9/20/96  | 0000023688 | 9/18/96      |
| SC-05215-S | AROCOR-1254            | ND    |      | 39.00 | UG/KG | *     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12199007 | U        | QT1493.0 | 9/20/96  | 0000023688 | 9/18/96      |
| SC-05215-S | AROCOR-1260            | ND    |      | 39.00 | UG/KG | *     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12199007 | U        | QT1493.0 | 9/20/96  | 0000023688 | 9/18/96      |
| SC-05215-S | ARSENIC                | 9.00  |      | 0.47  | UG/G  | *     |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12199007 |          | QT1493.0 | 9/20/96  | 0000023688 | 9/18/96      |
| SC-05215-S | CHROMIUM               | 16.50 |      | 0.54  | UG/G  | *     |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12199007 |          | QT1493.0 | 9/20/96  | 0000023688 | 9/18/96      |
| SC-05215-S | LEAD                   | 13.80 |      | 0.33  | UG/G  | *     |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12199007 |          | QT1493.0 | 9/20/96  | 0000023688 | 9/18/96      |
| SC-05215-S | RADIUM-226             | 1.45  | 0.14 | 0.49  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3766  |          | WP0144.0 | 10/28/96 | 0000023688 | 9/18/96      |
| SC-05215-S | RADIUM-226             | 1.17  | 0.18 | 0.55  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3766  |          | WP0144.0 | 10/28/96 | 0000023688 | 9/18/96      |
| SC-05215-S | THORIUM-230            | 1.20  | 0.13 | 0.72  | PC/G  | *     |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3766  |          | WP0144.0 | 9/21/96  | 0000023688 | 9/18/96      |
| SC-05215-S | URANIUM-238            | ND    |      | 4.46  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3766  |          | WP0144.0 | 10/28/96 | 0000023688 | 9/18/96      |
| SC-05216-S | URANIUM-238            | ND    |      | 4.14  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3767  |          | WP0144.0 | 9/20/96  | 0000023688 | 9/18/96      |
| SC-05217-S | URANIUM-238            | 3.60  | 0.79 | 2.75  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3766  |          | WP0144.0 | 9/20/96  | 0000023688 | 9/18/96      |
| SC-05218-S | URANIUM-238            | ND    |      | 3.80  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3768  |          | WP0144.0 | 9/20/96  | 0000023688 | 9/18/96      |
| SC-05219-S | URANIUM-238            | ND    |      | 3.21  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3770  |          | WP0144.0 | 9/20/96  | 0000023688 | 9/18/96      |
| SC-05220-S | URANIUM-238            | ND    |      | 3.94  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3771  |          | WP0144.0 | 9/20/96  | 0000023688 | 9/18/96      |
| SC-05401-S | URANIUM-238            | 6.00  | 1.38 | 3.73  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC4314  |          | WP0172.0 | 10/20/96 | 0000023713 | 10/17/96     |
| SC-05402-S | AROCOR-1248            | ND    |      | 43.00 | UG/KG | U     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12532001 | U        | QT2019.0 | 10/21/96 | 0000023714 | 10/17/96     |
| SC-05402-S | AROCOR-1254            | ND    |      | 43.00 | UG/KG | U     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12532001 | U        | QT2019.0 | 10/21/96 | 0000023714 | 10/17/96     |
| SC-05402-S | AROCOR-1260            | ND    |      | 43.00 | UG/KG | U     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12532001 | U        | QT2019.0 | 10/21/96 | 0000023714 | 10/17/96     |
| SC-05402-S | ARSENIC                | 8.20  |      | 0.47  | UG/G  | A     |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12532001 |          | QT2019.0 | 10/19/96 | 0000023714 | 10/17/96     |
| SC-05402-S | BENZO(A)ANTHRACENE     | ND    |      | 46.00 | UG/KG | U     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12532001 | U        | QT2019.0 | 10/21/96 | 0000023714 | 10/17/96     |
| SC-05402-S | BENZO(A)PYRENE         | ND    |      | 46.00 | UG/KG | U     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12532001 | U        | QT2019.0 | 10/21/96 | 0000023714 | 10/17/96     |
| SC-05402-S | BENZO(B)FLUORANTHENE   | ND    |      | 46.00 | UG/KG | U     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12532001 | U        | QT2019.0 | 10/21/96 | 0000023714 | 10/17/96     |
| SC-05402-S | BENZO(K)FLUORANTHENE   | ND    |      | 46.00 | UG/KG | U     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12532001 | U        | QT2019.0 | 10/21/96 | 0000023714 | 10/17/96     |
| SC-05402-S | CHROMIUM               | 12.50 |      | 0.39  | UG/G  | A     |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12532001 |          | QT2019.0 | 10/19/96 | 0000023714 | 10/17/96     |
| SC-05402-S | CHRYSENE               | ND    |      | 46.00 | UG/KG | U     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12532001 | U        | QT2019.0 | 10/21/96 | 0000023714 | 10/17/96     |
| SC-05402-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 46.00 | UG/KG | U     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12532001 | U        | QT2019.0 | 10/21/96 | 0000023714 | 10/17/96     |
| SC-05402-S | LEAD                   | 11.00 |      | 0.21  | UG/G  | A     |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12532001 |          | QT2019.0 | 10/19/96 | 0000023714 | 10/17/96     |
| SC-05402-S | RADIUM-226             | ND    |      | 0.83  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC4304  |          | WP0171.0 | 11/19/96 | 0000023714 | 10/17/96     |
| SC-05402-S | RADIUM-226             | 1.66  | 0.20 | 0.80  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC4304  |          | WP0171.0 | 11/19/96 | 0000023714 | 10/17/96     |
| SC-05402-S | THALLIUM               | ND    |      | 1.20  | UG/G  | 1.20U | T    |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12532001 | B        | QT2019.0 | 10/19/96 | 0000023714 | 10/17/96     |
| SC-05402-S | THORIUM-230            | 0.80  | 0.09 | 0.72  | PC/G  | *     |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00    | WSC4304  |          | WP0171.0 | 10/22/96 | 0000023714 | 10/17/96     |
| SC-05402-S | URANIUM-238            | -2.09 | 1.06 | 3.40  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC4304  |          | WP0171.0 | 11/19/96 | 0000023714 | 10/17/96     |
| SC-05403-S | URANIUM-238            | ND    |      | 3.08  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC4315  |          | WP0172.0 | 10/20/96 | 0000023716 | 10/17/96     |
| SC-05404-S | URANIUM-238            | ND    |      | 3.88  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC4316  |          | WP0172.0 | 10/20/96 | 0000023716 | 10/17/96     |
| SC-05405-S | AROCOR-1248            | ND    |      | 41.00 | UG/KG | *     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12199008 | U        | QT1493.0 | 9/20/96  | 0000023717 | 9/18/96      |
| SC-05405-S | AROCOR-1254            | ND    |      | 41.00 | UG/KG | *     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12199008 | U        | QT1493.0 | 9/20/96  | 0000023717 | 9/18/96      |
| SC-05405-S | AROCOR-1260            | ND    |      | 41.00 | UG/KG | *     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12199008 | U        | QT1493.0 | 9/20/96  | 0000023717 | 9/18/96      |
| SC-05405-S | ARSENIC                | 7.80  |      | 0.60  | UG/G  | *     |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12199008 |          | QT1493.0 | 9/20/96  | 0000023717 | 9/18/96      |
| SC-05405-S | BENZO(A)ANTHRACENE     | 8.10  |      | 5.40  | UG/KG | *     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12199008 |          | QT1493.0 | 9/20/96  | 0000023717 | 9/18/96      |
| SC-05405-S | BENZO(A)PYRENE         | ND    |      | 9.50  | UG/KG | *     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12199008 | U        | QT1493.0 | 9/20/96  | 0000023717 | 9/18/96      |
| SC-05405-S | BENZO(B)FLUORANTHENE   | ND    |      | 7.40  | UG/KG | *     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12199008 | U        | QT1493.0 | 9/20/96  | 0000023717 | 9/18/96      |
| SC-05405-S | BENZO(K)FLUORANTHENE   | ND    |      | 7.00  | UG/KG | *     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12199008 | U        | QT1493.0 | 9/20/96  | 0000023717 | 9/18/96      |
| SC-05405-S | CHROMIUM               | 15.40 |      | 0.57  | UG/G  | *     |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12199008 |          | QT1493.0 | 9/20/96  | 0000023717 | 9/18/96      |
| SC-05405-S | CHRYSENE               | ND    |      | 62.00 | UG/KG | *     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12199008 | U        | QT1493.0 | 9/20/96  | 0000023717 | 9/18/96      |
| SC-05405-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 18.00 | UG/KG | *     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12199008 | U        | QT1493.0 | 9/20/96  | 0000023717 | 9/18/96      |
| SC-05405-S | LEAD                   | 12.30 |      | 0.35  | UG/G  | *     |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12199008 |          | QT1493.0 | 9/20/96  | 0000023717 | 9/18/96      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DL   | LAB      | LAB  | LAB      | DATE     | SAMPLINK   | DATE    |
|------------|------------------------|-------|------|-------|-------|-----|------|----------|-----------|--------|----------------|------|----------|------|----------|----------|------------|---------|
|            |                        |       |      |       |       |     |      |          |           |        |                | FACT | ID       | QUAL | REQD     | ANA      |            | SAMPLED |
| SC-05405-S | RADIUM-226             | 1.30  | 0.12 | 0.30  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3772  |      | WP0144.0 | 10/28/96 | 0000023717 | 9/18/96 |
| SC-05405-S | RADIUM-226             | 1.64  | 0.19 | 0.49  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3772  |      | WP0144.0 | 10/28/96 | 0000023717 | 9/18/96 |
| SC-05406-S | THALLIUM               | ND    |      | 0.79  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199008 | U    | QT1493.0 | 9/20/96  | 0000023717 | 9/18/96 |
| SC-05405-S | THORIUM-230            | 0.76  | 0.07 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3772  |      | WP0144.0 | 9/21/96  | 0000023717 | 9/18/96 |
| SC-05405-S | URANIUM-238            | 9.18  | 1.87 | 4.35  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3772  |      | WP0144.0 | 10/28/96 | 0000023717 | 9/18/96 |
| SC-05405-S | URANIUM-238            | 4.36  | 0.89 | 2.91  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3773  |      | WP0145.0 | 9/20/96  | 0000023718 | 9/18/96 |
| SC-05407-S | URANIUM-238            | 13.90 | 2.10 | 4.61  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3774  |      | WP0145.0 | 9/20/96  | 0000023718 | 9/18/96 |
| SC-05408-S | AROCOR-1248            | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199009 | U    | QT1493.0 | 9/20/96  | 0000023720 | 9/18/96 |
| SC-05408-S | AROCOR-1254            | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199009 | U    | QT1493.0 | 9/20/96  | 0000023720 | 9/18/96 |
| SC-05408-S | AROCOR-1260            | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199009 | U    | QT1493.0 | 9/20/96  | 0000023720 | 9/18/96 |
| SC-05408-S | ARSENIC                | 8.00  |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199009 |      | QT1493.0 | 9/20/96  | 0000023720 | 9/18/96 |
| SC-05408-S | BENZO(A)ANTHRACENE     | 10.00 |      | 5.50  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199009 |      | QT1493.0 | 9/20/96  | 0000023720 | 9/18/96 |
| SC-05408-S | BENZO(A)PYRENE         | ND    |      | 9.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199009 | U    | QT1493.0 | 9/20/96  | 0000023720 | 9/18/96 |
| SC-05408-S | BENZO(B)FLUORANTHENE   | ND    |      | 7.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199009 | U    | QT1493.0 | 9/20/96  | 0000023720 | 9/18/96 |
| SC-05408-S | BENZO(K)FLUORANTHENE   | ND    |      | 7.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199009 | U    | QT1493.0 | 9/20/96  | 0000023720 | 9/18/96 |
| SC-05408-S | CHROMIUM               | 11.20 |      | 0.59  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199009 |      | QT1493.0 | 9/20/96  | 0000023720 | 9/18/96 |
| SC-05408-S | CHRYSENE               | ND    |      | 63.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199009 | U    | QT1493.0 | 9/20/96  | 0000023720 | 9/18/96 |
| SC-05408-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 18.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199009 | U    | QT1493.0 | 9/20/96  | 0000023720 | 9/18/96 |
| SC-05408-S | LEAD                   | 18.30 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199009 |      | QT1493.0 | 9/20/96  | 0000023720 | 9/18/96 |
| SC-05408-S | RADIUM-226             | 1.30  | 0.10 | 0.31  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3775  |      | WP0145.0 | 10/28/96 | 0000023720 | 9/18/96 |
| SC-05408-S | RADIUM-226             | 1.61  | 0.14 | 0.42  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3775  |      | WP0145.0 | 10/28/96 | 0000023720 | 9/18/96 |
| SC-05408-S | THALLIUM               | ND    |      | 0.82  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199009 | U    | QT1493.0 | 9/20/96  | 0000023720 | 9/18/96 |
| SC-05408-S | THORIUM-230            | 1.12  | 0.12 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3775  |      | WP0145.0 | 9/21/96  | 0000023720 | 9/18/96 |
| SC-05408-S | URANIUM-238            | 2.10  | 0.82 | 2.20  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3775  |      | WP0145.0 | 10/28/96 | 0000023720 | 9/18/96 |
| SC-05408-S | URANIUM-238            | ND    |      | 2.81  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3776  |      | WP0145.0 | 9/20/96  | 0000023721 | 9/18/96 |
| SC-05410-S | URANIUM-238            | ND    |      | 4.17  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3777  |      | WP0145.0 | 9/20/96  | 0000023722 | 9/18/96 |
| SC-05411-S | AROCOR-1248            | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199010 | U    | QT1493.0 | 9/20/96  | 0000023723 | 9/18/96 |
| SC-05411-S | AROCOR-1254            | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199010 | U    | QT1493.0 | 9/20/96  | 0000023723 | 9/18/96 |
| SC-05411-S | AROCOR-1260            | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199010 | U    | QT1493.0 | 9/20/96  | 0000023723 | 9/18/96 |
| SC-05411-S | ARSENIC                | 9.40  |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199010 |      | QT1493.0 | 9/20/96  | 0000023723 | 9/18/96 |
| SC-05411-S | BENZO(A)ANTHRACENE     | ND    |      | 5.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199010 | U    | QT1493.0 | 9/20/96  | 0000023723 | 9/18/96 |
| SC-05411-S | BENZO(A)PYRENE         | ND    |      | 8.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199010 | U    | QT1493.0 | 9/20/96  | 0000023723 | 9/18/96 |
| SC-05411-S | BENZO(B)FLUORANTHENE   | ND    |      | 7.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199010 | U    | QT1493.0 | 9/20/96  | 0000023723 | 9/18/96 |
| SC-05411-S | BENZO(K)FLUORANTHENE   | ND    |      | 8.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199010 | U    | QT1493.0 | 9/20/96  | 0000023723 | 9/18/96 |
| SC-05411-S | CHROMIUM               | 15.80 |      | 0.57  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199010 |      | QT1493.0 | 9/20/96  | 0000023723 | 9/18/96 |
| SC-05411-S | CHRYSENE               | ND    |      | 61.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199010 | U    | QT1493.0 | 9/20/96  | 0000023723 | 9/18/96 |
| SC-05411-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199010 | U    | QT1493.0 | 9/20/96  | 0000023723 | 9/18/96 |
| SC-05411-S | LEAD                   | 18.80 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199010 |      | QT1493.0 | 9/20/96  | 0000023723 | 9/18/96 |
| SC-05411-S | RADIUM-226             | 1.18  | 0.12 | 0.38  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3778  |      | WP0145.0 | 10/28/96 | 0000023723 | 9/18/96 |
| SC-05411-S | RADIUM-226             | 1.22  | 0.17 | 0.48  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3778  |      | WP0145.0 | 10/28/96 | 0000023723 | 9/18/96 |
| SC-05411-S | THALLIUM               | ND    |      | 0.79  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199010 | U    | QT1493.0 | 9/20/96  | 0000023723 | 9/18/96 |
| SC-05411-S | THORIUM-230            | 1.10  | 0.13 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3778  |      | WP0145.0 | 9/21/96  | 0000023723 | 9/18/96 |
| SC-05411-S | URANIUM-238            | ND    |      | 4.03  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3778  |      | WP0145.0 | 10/28/96 | 0000023723 | 9/18/96 |
| SC-05412-S | AROCOR-1248            | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199011 | U    | QT1493.0 | 9/20/96  | 0000023724 | 9/18/96 |
| SC-05412-S | AROCOR-1254            | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199011 | U    | QT1493.0 | 9/20/96  | 0000023724 | 9/18/96 |
| SC-05412-S | AROCOR-1260            | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199011 | U    | QT1493.0 | 9/20/96  | 0000023724 | 9/18/96 |
| SC-05412-S | ARSENIC                | 6.40  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199011 |      | QT1493.0 | 9/20/96  | 0000023724 | 9/18/96 |
| SC-05412-S | BENZO(A)ANTHRACENE     | ND    |      | 5.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199011 | U    | QT1493.0 | 9/20/96  | 0000023724 | 9/18/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL  | LAB      | LAB | LAB      | DATE     | SAMPLER    | DATE    |
|------------|------------------------|-------|------|-------|-------|-----|------|----------|-----------|--------|----------------|------|----------|-----|----------|----------|------------|---------|
| SC-05412-S | BENZO(A)PYRENE         | ND    |      | 8.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199011 | U   | QT1493.0 | 9/20/96  | 0000023724 | 9/18/96 |
| SC-05412-S | BENZO(B)FLUORANTHENE   | ND    |      | 7.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199011 | U   | QT1493.0 | 9/20/96  | 0000023724 | 9/18/96 |
| SC-05412-S | BENZO(K)FLUORANTHENE   | ND    |      | 5.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199011 | U   | QT1493.0 | 9/20/96  | 0000023724 | 9/18/96 |
| SC-05412-S | CHROMIUM               | 14.40 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199011 |     | QT1493.0 | 9/20/96  | 0000023724 | 9/18/96 |
| SC-05412-S | CHRYSENE               | ND    |      | 60.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199011 | U   | QT1493.0 | 9/20/96  | 0000023724 | 9/18/96 |
| SC-05412-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199011 | U   | QT1493.0 | 9/20/96  | 0000023724 | 9/18/96 |
| SC-05412-S | LEAD                   | 10.90 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199011 |     | QT1493.0 | 9/20/96  | 0000023724 | 9/18/96 |
| SC-05412-S | RADIUM-226             | 1.40  | 0.10 | 0.32  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3779  |     | WP0145.0 | 10/28/96 | 0000023724 | 9/18/96 |
| SC-05412-S | RADIUM-228             | 1.48  | 0.14 | 0.52  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3779  |     | WP0145.0 | 10/28/96 | 0000023724 | 9/18/96 |
| SC-05412-S | THALLIUM               | ND    |      | 0.77  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199011 | U   | QT1493.0 | 9/20/96  | 0000023724 | 9/18/96 |
| SC-05412-S | THORIUM-230            | 0.94  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3779  |     | WP0145.0 | 9/21/96  | 0000023724 | 9/18/96 |
| SC-05412-S | URANIUM-238            | 2.33  | 0.67 | 1.88  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3779  |     | WP0145.0 | 10/28/96 | 0000023724 | 9/18/96 |
| SC-05413-S | AROCLOR-1248           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199012 | U   | QT1493.0 | 9/20/96  | 0000023725 | 9/18/96 |
| SC-05413-S | AROCLOR-1254           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199012 | U   | QT1493.0 | 9/20/96  | 0000023725 | 9/18/96 |
| SC-05413-S | AROCLOR-1260           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199012 | U   | QT1493.0 | 9/20/96  | 0000023725 | 9/18/96 |
| SC-05413-S | ARSENIC                | 7.80  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199012 |     | QT1493.0 | 9/20/96  | 0000023725 | 9/18/96 |
| SC-05413-S | BENZO(A)ANTHRACENE     | 18.00 |      | 5.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199012 |     | QT1493.0 | 9/20/96  | 0000023725 | 9/18/96 |
| SC-05413-S | BENZO(A)PYRENE         | 10.00 |      | 6.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199012 |     | QT1493.0 | 9/20/96  | 0000023725 | 9/18/96 |
| SC-05413-S | BENZO(B)FLUORANTHENE   | ND    |      | 7.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199012 | U   | QT1493.0 | 9/20/96  | 0000023725 | 9/18/96 |
| SC-05413-S | BENZO(K)FLUORANTHENE   | ND    |      | 6.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199012 | U   | QT1493.0 | 9/20/96  | 0000023725 | 9/18/96 |
| SC-05413-S | CHROMIUM               | 14.80 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199012 |     | QT1493.0 | 9/20/96  | 0000023725 | 9/18/96 |
| SC-05413-S | CHRYSENE               | ND    |      | 59.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199012 | U   | QT1493.0 | 9/20/96  | 0000023725 | 9/18/96 |
| SC-05413-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199012 | U   | QT1493.0 | 9/20/96  | 0000023725 | 9/18/96 |
| SC-05413-S | LEAD                   | 14.30 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199012 |     | QT1493.0 | 9/20/96  | 0000023725 | 9/18/96 |
| SC-05413-S | RADIUM-226             | 1.12  | 0.12 | 0.93  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3780  |     | WP0145.0 | 10/28/96 | 0000023725 | 9/18/96 |
| SC-05413-S | RADIUM-228             | 1.08  | 0.19 | 0.25  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3780  |     | WP0145.0 | 10/28/96 | 0000023725 | 9/18/96 |
| SC-05413-S | THALLIUM               | ND    |      | 0.78  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199012 | U   | QT1493.0 | 9/20/96  | 0000023725 | 9/18/96 |
| SC-05413-S | THORIUM-230            | 0.83  | 0.08 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3780  |     | WP0145.0 | 9/21/96  | 0000023725 | 9/18/96 |
| SC-05413-S | URANIUM-238            | ND    |      | 4.25  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3780  |     | WP0145.0 | 10/28/96 | 0000023725 | 9/18/96 |
| SC-05414-S | AROCLOR-1248           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199013 | U   | QT1493.0 | 9/20/96  | 0000023726 | 9/18/96 |
| SC-05414-S | AROCLOR-1254           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199013 | U   | QT1493.0 | 9/20/96  | 0000023726 | 9/18/96 |
| SC-05414-S | AROCLOR-1260           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199013 | U   | QT1493.0 | 9/20/96  | 0000023726 | 9/18/96 |
| SC-05414-S | ARSENIC                | 6.20  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199013 |     | QT1493.0 | 9/20/96  | 0000023726 | 9/18/96 |
| SC-05414-S | BENZO(A)ANTHRACENE     | 28.00 |      | 5.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199013 |     | QT1493.0 | 9/20/96  | 0000023726 | 9/18/96 |
| SC-05414-S | BENZO(A)PYRENE         | ND    |      | 9.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199013 | U   | QT1493.0 | 9/20/96  | 0000023726 | 9/18/96 |
| SC-05414-S | BENZO(B)FLUORANTHENE   | ND    |      | 7.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199013 | U   | QT1493.0 | 9/20/96  | 0000023726 | 9/18/96 |
| SC-05414-S | BENZO(K)FLUORANTHENE   | ND    |      | 6.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199013 | U   | QT1493.0 | 9/20/96  | 0000023726 | 9/18/96 |
| SC-05414-S | CHROMIUM               | 17.10 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199013 |     | QT1493.0 | 9/20/96  | 0000023726 | 9/18/96 |
| SC-05414-S | CHRYSENE               | ND    |      | 60.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199013 | U   | QT1493.0 | 9/20/96  | 0000023726 | 9/18/96 |
| SC-05414-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199013 | U   | QT1493.0 | 9/20/96  | 0000023726 | 9/18/96 |
| SC-05414-S | LEAD                   | 12.40 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199013 |     | QT1493.0 | 9/20/96  | 0000023726 | 9/18/96 |
| SC-05414-S | RADIUM-226             | 1.11  | 0.10 | 0.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3781  |     | WP0145.0 | 10/28/96 | 0000023726 | 9/18/96 |
| SC-05414-S | RADIUM-228             | 1.30  | 0.15 | 0.45  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3781  |     | WP0145.0 | 10/28/96 | 0000023726 | 9/18/96 |
| SC-05414-S | THALLIUM               | ND    |      | 0.78  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199013 | U   | QT1493.0 | 9/20/96  | 0000023726 | 9/18/96 |
| SC-05414-S | THORIUM-230            | 0.80  | 0.07 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3781  |     | WP0145.0 | 9/21/96  | 0000023726 | 9/18/96 |
| SC-05414-S | URANIUM-238            | ND    |      | 3.03  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3781  |     | WP0145.0 | 10/28/96 | 0000023726 | 9/18/96 |
| SC-05415-S | AROCLOR-1248           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199014 | U   | QT1493.0 | 9/20/96  | 0000023727 | 9/18/96 |
| SC-05415-S | AROCLOR-1254           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199014 | U   | QT1493.0 | 9/20/96  | 0000023727 | 9/18/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL  | LAB      | LAB | LAB      | DATE     | SAMPLINK   | DATE    |
|------------|------------------------|--------|------|-------|-------|-----|------|----------|-----------|--------|----------------|------|----------|-----|----------|----------|------------|---------|
| SC-05415-S | AROCOR-1260            | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199014 | U   | QT1493.0 | 9/20/96  | 0000023727 | 9/18/96 |
| SC-05415-S | ARSENIC                | 7.30   |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199014 |     | QT1493.0 | 9/20/96  | 0000023727 | 9/18/96 |
| SC-05415-S | BENZO(A)ANTHRACENE     | 14.00  |      | 5.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199014 |     | QT1493.0 | 9/20/96  | 0000023727 | 9/18/96 |
| SC-05415-S | BENZO(A)PYRENE         | ND     |      | 9.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199014 | U   | QT1493.0 | 9/20/96  | 0000023727 | 9/18/96 |
| SC-05415-S | BENZO(B)FLUORANTHENE   | ND     |      | 7.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199014 | U   | QT1493.0 | 9/20/96  | 0000023727 | 9/18/96 |
| SC-05415-S | BENZO(K)FLUORANTHENE   | ND     |      | 8.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199014 | U   | QT1493.0 | 9/20/96  | 0000023727 | 9/18/96 |
| SC-05415-S | CHROMIUM               | 14.40  |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199014 |     | QT1493.0 | 9/20/96  | 0000023727 | 9/18/96 |
| SC-05415-S | CHRYSENE               | ND     |      | 60.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199014 | U   | QT1493.0 | 9/20/96  | 0000023727 | 9/18/96 |
| SC-05415-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199014 | U   | QT1493.0 | 9/20/96  | 0000023727 | 9/18/96 |
| SC-05415-S | LEAD                   | 11.90  |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199014 |     | QT1493.0 | 9/20/96  | 0000023727 | 9/18/96 |
| SC-05415-S | RADIUM-226             | 1.22   | 0.09 | 0.26  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3782  |     | WP0145.0 | 10/29/96 | 0000023727 | 9/18/96 |
| SC-05415-S | RADIUM-228             | 1.19   | 0.14 | 0.45  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3782  |     | WP0145.0 | 10/29/96 | 0000023727 | 9/18/96 |
| SC-05415-S | THALLIUM               | ND     |      | 0.77  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199014 | U   | QT1493.0 | 9/20/96  | 0000023727 | 9/18/96 |
| SC-05415-S | THORIUM-230            | 1.37   | 0.24 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3782  |     | WP0145.0 | 9/21/96  | 0000023727 | 9/18/96 |
| SC-05415-S | URANIUM-238            | 3.91   | 0.72 | 2.25  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3782  |     | WP0145.0 | 10/29/96 | 0000023727 | 9/18/96 |
| SC-05416-S | AROCOR-1248            | 77.00  |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199015 |     | QT1493.0 | 9/20/96  | 0000023728 | 9/18/96 |
| SC-05416-S | AROCOR-1264            | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199015 | U   | QT1493.0 | 9/20/96  | 0000023728 | 9/18/96 |
| SC-05416-S | AROCOR-1260            | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199015 | U   | QT1493.0 | 9/20/96  | 0000023728 | 9/18/96 |
| SC-05416-S | ARSENIC                | 5.20   |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199015 |     | QT1493.0 | 9/20/96  | 0000023728 | 9/18/96 |
| SC-05416-S | BENZO(A)ANTHRACENE     | 260.00 |      | 5.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199015 |     | QT1493.0 | 9/20/96  | 0000023728 | 9/18/96 |
| SC-05416-S | BENZO(A)PYRENE         | ND     |      | 9.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199015 | U   | QT1493.0 | 9/20/96  | 0000023728 | 9/18/96 |
| SC-05416-S | BENZO(B)FLUORANTHENE   | ND     |      | 7.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199015 | U   | QT1493.0 | 9/20/96  | 0000023728 | 9/18/96 |
| SC-05416-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199015 | U   | QT1493.0 | 9/20/96  | 0000023728 | 9/18/96 |
| SC-05416-S | CHROMIUM               | 15.00  |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199015 |     | QT1493.0 | 9/20/96  | 0000023728 | 9/18/96 |
| SC-05416-S | CHRYSENE               | ND     |      | 60.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199015 | U   | QT1493.0 | 9/20/96  | 0000023728 | 9/18/96 |
| SC-05416-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199015 | U   | QT1493.0 | 9/20/96  | 0000023728 | 9/18/96 |
| SC-05416-S | LEAD                   | 11.00  |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199015 |     | QT1493.0 | 9/20/96  | 0000023728 | 9/18/96 |
| SC-05416-S | RADIUM-226             | 1.28   | 0.12 | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3783  |     | WP0145.0 | 10/29/96 | 0000023728 | 9/18/96 |
| SC-05416-S | RADIUM-228             | 1.14   | 0.22 | 0.75  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3783  |     | WP0145.0 | 10/29/96 | 0000023728 | 9/18/96 |
| SC-05416-S | THALLIUM               | ND     |      | 0.78  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199015 | U   | QT1493.0 | 9/20/96  | 0000023728 | 9/18/96 |
| SC-05416-S | THORIUM-230            | 1.00   | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3783  |     | WP0145.0 | 9/21/96  | 0000023728 | 9/18/96 |
| SC-05416-S | URANIUM-238            | ND     |      | 4.10  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3783  |     | WP0145.0 | 10/29/96 | 0000023728 | 9/18/96 |
| SC-05417-S | AROCOR-1248            | ND     |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199016 | U   | QT1493.0 | 9/20/96  | 0000023729 | 9/18/96 |
| SC-05417-S | AROCOR-1264            | ND     |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199016 | U   | QT1493.0 | 9/20/96  | 0000023729 | 9/18/96 |
| SC-05417-S | AROCOR-1260            | ND     |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199016 | U   | QT1493.0 | 9/20/96  | 0000023729 | 9/18/96 |
| SC-05417-S | ARSENIC                | 1.80   |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199016 | B   | QT1493.0 | 9/20/96  | 0000023729 | 9/18/96 |
| SC-05417-S | BENZO(A)ANTHRACENE     | ND     |      | 5.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199016 | U   | QT1493.0 | 9/20/96  | 0000023729 | 9/18/96 |
| SC-05417-S | BENZO(A)PYRENE         | ND     |      | 8.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199016 | U   | QT1493.0 | 9/20/96  | 0000023729 | 9/18/96 |
| SC-05417-S | BENZO(B)FLUORANTHENE   | ND     |      | 7.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199016 | U   | QT1493.0 | 9/20/96  | 0000023729 | 9/18/96 |
| SC-05417-S | BENZO(K)FLUORANTHENE   | ND     |      | 7.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199016 | U   | QT1493.0 | 9/20/96  | 0000023729 | 9/18/96 |
| SC-05417-S | CHROMIUM               | 13.60  |      | 0.57  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199016 |     | QT1493.0 | 9/20/96  | 0000023729 | 9/18/96 |
| SC-05417-S | CHRYSENE               | ND     |      | 61.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199016 | U   | QT1493.0 | 9/20/96  | 0000023729 | 9/18/96 |
| SC-05417-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 16.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199016 | U   | QT1493.0 | 9/20/96  | 0000023729 | 9/18/96 |
| SC-05417-S | LEAD                   | 9.50   |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199016 |     | QT1493.0 | 9/20/96  | 0000023729 | 9/18/96 |
| SC-05417-S | RADIUM-226             | 1.23   | 0.12 | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3784  |     | WP0145.0 | 10/29/96 | 0000023729 | 9/18/96 |
| SC-05417-S | RADIUM-228             | 1.20   | 0.16 | 0.54  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3784  |     | WP0145.0 | 10/29/96 | 0000023729 | 9/18/96 |
| SC-05417-S | THALLIUM               | ND     |      | 0.79  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199016 | U   | QT1493.0 | 9/20/96  | 0000023729 | 9/18/96 |
| SC-05417-S | THORIUM-230            | 0.96   | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3784  |     | WP0145.0 | 9/22/96  | 0000023729 | 9/18/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC    | ERR  | DL     | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL   | LAB      | LAB | LAB      | DATE     | SAMPLINK   | DATE    |
|------------|------------------------|---------|------|--------|-------|-----|------|----------|-----------|--------|----------------|-------|----------|-----|----------|----------|------------|---------|
| SC-05417-S | URANIUM-238            | ND      |      | 4.17   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3784  |     | WP0145.0 | 10/29/96 | 0000023729 | 9/18/96 |
| SC-05418-S | AROCOR-1248            | ND      |      | 41.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 12199017 | U   | QT1493.0 | 9/20/96  | 0000023730 | 9/18/96 |
| SC-05418-S | AROCOR-1254            | ND      |      | 41.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 12199017 | U   | QT1493.0 | 9/20/96  | 0000023730 | 9/18/96 |
| SC-05418-S | AROCOR-1260            | ND      |      | 41.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 12199017 | U   | QT1493.0 | 9/20/96  | 0000023730 | 9/18/96 |
| SC-05418-S | ARSENIC                | 3.10    |      | 0.49   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 12199017 |     | QT1493.0 | 9/20/96  | 0000023730 | 9/18/96 |
| SC-05418-S | BENZO(A)ANTHRACENE     | 370.00  |      | 5.30   | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199017 |     | QT1493.0 | 9/20/96  | 0000023730 | 9/18/96 |
| SC-05418-S | BENZO(A)PYRENE         | 19.00   |      | 9.40   | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199017 |     | QT1493.0 | 9/20/96  | 0000023730 | 9/18/96 |
| SC-05418-S | BENZO(B)FLUORANTHENE   | ND      |      | 7.30   | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199017 | U   | QT1493.0 | 9/20/96  | 0000023730 | 9/18/96 |
| SC-05418-S | BENZO(K)FLUORANTHENE   | ND      |      | 6.90   | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199017 | U   | QT1493.0 | 9/20/96  | 0000023730 | 9/18/96 |
| SC-05418-S | CHROMIUM               | 11.60   |      | 0.66   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 12199017 |     | QT1493.0 | 9/20/96  | 0000023730 | 9/18/96 |
| SC-05418-S | CHRYSENE               | ND      |      | 81.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199017 | U   | QT1493.0 | 9/20/96  | 0000023730 | 9/18/96 |
| SC-05418-S | INDENO(1,2,3-CD)PYRENE | ND      |      | 18.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199017 | U   | QT1493.0 | 9/20/96  | 0000023730 | 9/18/96 |
| SC-05418-S | LEAD                   | 8.70    |      | 0.34   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 12199017 |     | QT1493.0 | 9/20/96  | 0000023730 | 9/18/96 |
| SC-05418-S | RADIUM-226             | 0.78    | 0.06 | 0.29   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3785  |     | WP0145.0 | 10/29/96 | 0000023730 | 9/18/96 |
| SC-05418-S | RADIUM-228             | 1.18    | 0.15 | 0.51   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3785  |     | WP0145.0 | 10/29/96 | 0000023730 | 9/18/96 |
| SC-05418-S | THALLIUM               | ND      |      | 0.78   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 12199017 | U   | QT1493.0 | 9/20/96  | 0000023730 | 9/18/96 |
| SC-05418-S | THORIUM-230            | 0.88    | 0.10 | 0.72   | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3785  |     | WP0145.0 | 9/22/96  | 0000023730 | 9/18/96 |
| SC-05418-S | URANIUM-238            | ND      |      | 3.05   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3785  |     | WP0145.0 | 10/29/96 | 0000023730 | 9/18/96 |
| SC-05418-S | URANIUM-238            | ND      |      | 4.03   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3787  |     | WP0145.0 | 9/18/96  | 0000023731 | 9/18/96 |
| SC-05420-S | URANIUM-238            | ND      |      | 2.98   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3786  |     | WP0145.0 | 9/18/96  | 0000023732 | 9/18/96 |
| SC-05421-S | URANIUM-238            | ND      |      | 3.85   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3789  |     | WP0145.0 | 9/20/96  | 0000023733 | 9/18/96 |
| SC-05422-S | AROCOR-1248            | 1900.00 |      | 430.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 10.00 | 12199019 |     | QT1493.0 | 9/20/96  | 0000023734 | 9/18/96 |
| SC-05422-S | AROCOR-1254            | ND      |      | 43.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 12199019 | U   | QT1493.0 | 9/20/96  | 0000023734 | 9/18/96 |
| SC-05422-S | AROCOR-1260            | ND      |      | 43.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 12199019 | U   | QT1493.0 | 9/20/96  | 0000023734 | 9/18/96 |
| SC-05422-S | ARSENIC                | 4.50    |      | 0.51   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 12199019 |     | QT1493.0 | 9/20/96  | 0000023734 | 9/18/96 |
| SC-05422-S | BENZO(A)ANTHRACENE     | ND      |      | 5.80   | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199019 | U   | QT1493.0 | 9/20/96  | 0000023734 | 9/18/96 |
| SC-05422-S | BENZO(A)PYRENE         | ND      |      | 9.80   | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199019 | U   | QT1493.0 | 9/20/96  | 0000023734 | 9/18/96 |
| SC-05422-S | BENZO(B)FLUORANTHENE   | ND      |      | 7.70   | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199019 | U   | QT1493.0 | 9/20/96  | 0000023734 | 9/18/96 |
| SC-05422-S | BENZO(K)FLUORANTHENE   | ND      |      | 7.30   | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199019 | U   | QT1493.0 | 9/20/96  | 0000023734 | 9/18/96 |
| SC-05422-S | CHROMIUM               | 7.80    |      | 0.56   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 12199019 |     | QT1493.0 | 9/20/96  | 0000023734 | 9/18/96 |
| SC-05422-S | CHRYSENE               | ND      |      | 64.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199019 | U   | QT1493.0 | 9/20/96  | 0000023734 | 9/18/96 |
| SC-05422-S | INDENO(1,2,3-CD)PYRENE | ND      |      | 18.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199019 | U   | QT1493.0 | 9/20/96  | 0000023734 | 9/18/96 |
| SC-05422-S | LEAD                   | 8.50    |      | 0.36   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 12199019 |     | QT1493.0 | 9/20/96  | 0000023734 | 9/18/96 |
| SC-05422-S | RADIUM-226             | 1.18    | 0.10 | 0.25   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3790  |     | WP0145.0 | 10/29/96 | 0000023734 | 9/18/96 |
| SC-05422-S | RADIUM-228             | 1.42    | 0.13 | 0.44   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3790  |     | WP0145.0 | 10/29/96 | 0000023734 | 9/18/96 |
| SC-05422-S | THALLIUM               | ND      |      | 0.82   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 12199019 | U   | QT1493.0 | 9/20/96  | 0000023734 | 9/18/96 |
| SC-05422-S | THORIUM-230            | 0.88    | 0.10 | 0.72   | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3790  |     | WP0145.0 | 9/22/96  | 0000023734 | 9/18/96 |
| SC-05422-S | URANIUM-238            | ND      |      | 3.15   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3790  |     | WP0145.0 | 10/29/96 | 0000023734 | 9/18/96 |
| SC-05423-S | AROCOR-1248            | ND      |      | 40.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 12199020 | U   | QT1493.0 | 9/20/96  | 0000023735 | 9/18/96 |
| SC-05423-S | AROCOR-1254            | ND      |      | 40.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 12199020 | U   | QT1493.0 | 9/20/96  | 0000023735 | 9/18/96 |
| SC-05423-S | AROCOR-1260            | ND      |      | 40.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 12199020 | U   | QT1493.0 | 9/20/96  | 0000023735 | 9/18/96 |
| SC-05423-S | ARSENIC                | 7.30    |      | 0.48   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 12199020 |     | QT1493.0 | 9/20/96  | 0000023735 | 9/18/96 |
| SC-05423-S | BENZO(A)ANTHRACENE     | ND      |      | 5.20   | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199020 | U   | QT1493.0 | 9/20/96  | 0000023735 | 9/18/96 |
| SC-05423-S | BENZO(A)PYRENE         | ND      |      | 9.20   | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199020 | U   | QT1493.0 | 9/20/96  | 0000023735 | 9/18/96 |
| SC-05423-S | BENZO(B)FLUORANTHENE   | ND      |      | 7.20   | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199020 | U   | QT1493.0 | 9/20/96  | 0000023735 | 9/18/96 |
| SC-05423-S | BENZO(K)FLUORANTHENE   | 10.00   |      | 6.90   | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199020 |     | QT1493.0 | 9/20/96  | 0000023735 | 9/18/96 |
| SC-05423-S | CHROMIUM               | 17.70   |      | 0.55   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 12199020 |     | QT1493.0 | 9/20/96  | 0000023735 | 9/18/96 |
| SC-05423-S | CHRYSENE               | ND      |      | 60.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 12199020 | U   | QT1493.0 | 9/20/96  | 0000023735 | 9/18/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL  | LAB      | LAB | LAB      | DATE     | SAMPLE     | DATE    |
|------------|------------------------|-------|------|-------|-------|-----|------|----------|-----------|--------|----------------|------|----------|-----|----------|----------|------------|---------|
| SC-05423-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199020 | U   | QT1493.0 | 8/20/96  | 0000023735 | 9/18/96 |
| SC-05423-S | LEAD                   | 14.20 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199020 |     | QT1493.0 | 8/20/96  | 0000023735 | 9/18/96 |
| SC-05423-S | RADIUM-226             | 1.33  | 0.12 | 0.42  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3791  |     | WP0145.0 | 10/29/96 | 0000023735 | 9/18/96 |
| SC-05423-S | RADIUM-226             | 1.50  | 0.18 | 0.15  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3791  |     | WP0145.0 | 10/29/96 | 0000023735 | 9/18/96 |
| SC-05423-S | THALLIUM               | ND    |      | 0.77  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12199020 | U   | QT1493.0 | 8/20/96  | 0000023735 | 9/18/96 |
| SC-05423-S | THORIUM-230            | 0.90  | 0.12 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3791  |     | WP0145.0 | 8/22/96  | 0000023735 | 9/18/96 |
| SC-05423-S | URANIUM-238            | 4.07  | 1.10 | 2.68  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3791  |     | WP0145.0 | 10/29/96 | 0000023735 | 9/18/96 |
| SC-05424-S | AROCLOR-1248           | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199021 | U   | QT1493.0 | 8/20/96  | 0000023736 | 9/18/96 |
| SC-05424-S | AROCLOR-1254           | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199021 | U   | QT1493.0 | 8/20/96  | 0000023736 | 9/18/96 |
| SC-05424-S | AROCLOR-1260           | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12199021 | U   | QT1493.0 | 8/20/96  | 0000023736 | 9/18/96 |
| SC-05424-S | BENZO(A)ANTHRACENE     | 20.00 |      | 5.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199021 |     | QT1493.0 | 8/20/96  | 0000023736 | 9/18/96 |
| SC-05424-S | BENZO(A)PYRENE         | ND    |      | 8.90  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199021 | U   | QT1493.0 | 8/20/96  | 0000023736 | 9/18/96 |
| SC-05424-S | BENZO(B)FLUORANTHENE   | ND    |      | 7.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199021 | U   | QT1493.0 | 8/20/96  | 0000023736 | 9/18/96 |
| SC-05424-S | BENZO(K)FLUORANTHENE   | ND    |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199021 | U   | QT1493.0 | 8/20/96  | 0000023736 | 9/18/96 |
| SC-05424-S | CHRYSENE               | ND    |      | 58.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199021 | U   | QT1493.0 | 8/20/96  | 0000023736 | 9/18/96 |
| SC-05424-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12199021 | U   | QT1493.0 | 8/20/96  | 0000023736 | 9/18/96 |
| SC-05424-S | THORIUM-230            | 1.23  | 0.19 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3792  |     | WP0145.0 | 8/22/96  | 0000023736 | 9/18/96 |
| SC-05424-S | URANIUM-238            | ND    |      | 3.58  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3792  |     | WP0145.0 | 10/29/96 | 0000023736 | 9/18/96 |
| SC-05501-S | URANIUM-238            | 24.80 | 3.10 | 4.98  | PC/G  | A   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3318  |     | WP0127.0 | 8/25/96  | 0000023712 | 8/22/96 |
| SC-05501-U | THORIUM-230            | 2.82  | 0.12 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3343  |     | WP0128.0 | 8/27/96  | 0000029568 | 8/22/96 |
| SC-05501-U | URANIUM-238            | 2.41  | 0.54 | 2.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3343  |     | WP0128.0 | 8/25/96  | 0000029568 | 8/22/96 |
| SC-05502-S | AROCLOR-1248           | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893001 | U   | QT1458.0 | 8/24/96  | 0000023744 | 8/22/96 |
| SC-05502-S | AROCLOR-1254           | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893001 | U   | QT1458.0 | 8/24/96  | 0000023744 | 8/22/96 |
| SC-05502-S | AROCLOR-1260           | 43.00 |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893001 | U   | QT1458.0 | 8/24/96  | 0000023744 | 8/22/96 |
| SC-05502-S | BENZO(A)ANTHRACENE     | ND    |      | 4.90  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893001 | U   | QT1458.0 | 8/24/96  | 0000023744 | 8/22/96 |
| SC-05502-S | BENZO(A)PYRENE         | ND    |      | 8.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893001 | U   | QT1458.0 | 8/24/96  | 0000023744 | 8/22/96 |
| SC-05502-S | BENZO(B)FLUORANTHENE   | ND    |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893001 | U   | QT1458.0 | 8/24/96  | 0000023744 | 8/22/96 |
| SC-05502-S | BENZO(K)FLUORANTHENE   | ND    |      | 6.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893001 | U   | QT1458.0 | 8/24/96  | 0000023744 | 8/22/96 |
| SC-05502-S | CHRYSENE               | ND    |      | 57.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893001 | U   | QT1458.0 | 8/24/96  | 0000023744 | 8/22/96 |
| SC-05502-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 16.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893001 | U   | QT1458.0 | 8/24/96  | 0000023744 | 8/22/96 |
| SC-05502-S | THORIUM-230            | 2.08  | 0.13 | 2.27  | PC/G  | A   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3319  |     | WP0127.0 | 8/27/96  | 0000023744 | 8/22/96 |
| SC-05502-S | URANIUM-238            | 5.28  | 0.93 | 2.64  | PC/G  | A   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3319  |     | WP0127.0 | 8/25/96  | 0000023744 | 8/22/96 |
| SC-05502-U | THORIUM-230            | 2.81  | 0.12 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3344  |     | WP0128.0 | 8/27/96  | 0000029568 | 8/22/96 |
| SC-05502-U | URANIUM-238            | ND    |      | 4.11  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3344  |     | WP0128.0 | 8/25/96  | 0000029568 | 8/22/96 |
| SC-05503-S | AROCLOR-1248           | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893003 | U   | QT1458.0 | 8/24/96  | 0000023745 | 8/22/96 |
| SC-05503-S | AROCLOR-1254           | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893003 | U   | QT1458.0 | 8/24/96  | 0000023745 | 8/22/96 |
| SC-05503-S | AROCLOR-1260           | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893003 | U   | QT1458.0 | 8/24/96  | 0000023745 | 8/22/96 |
| SC-05503-S | BENZO(A)ANTHRACENE     | 6.00  |      | 5.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893003 |     | QT1458.0 | 8/24/96  | 0000023745 | 8/22/96 |
| SC-05503-S | BENZO(A)PYRENE         | ND    |      | 8.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893003 | U   | QT1458.0 | 8/24/96  | 0000023745 | 8/22/96 |
| SC-05503-S | BENZO(B)FLUORANTHENE   | ND    |      | 6.90  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893003 | U   | QT1458.0 | 8/24/96  | 0000023745 | 8/22/96 |
| SC-05503-S | BENZO(K)FLUORANTHENE   | ND    |      | 6.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893003 | U   | QT1458.0 | 8/24/96  | 0000023745 | 8/22/96 |
| SC-05503-S | CHRYSENE               | ND    |      | 57.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893003 | U   | QT1458.0 | 8/24/96  | 0000023745 | 8/22/96 |
| SC-05503-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 16.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893003 | U   | QT1458.0 | 8/24/96  | 0000023745 | 8/22/96 |
| SC-05503-S | THORIUM-230            | 2.44  | 0.09 | 2.27  | PC/G  | A   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3321  |     | WP0127.0 | 8/27/96  | 0000023748 | 8/22/96 |
| SC-05503-S | URANIUM-238            | ND    |      | 4.42  | PC/G  | U   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3321  |     | WP0127.0 | 8/25/96  | 0000023748 | 8/22/96 |
| SC-05504-S | URANIUM-238            | -2.08 | 0.81 | 2.25  | PC/G  | U   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3322  |     | WP0127.0 | 8/25/96  | 0000023748 | 8/22/96 |
| SC-05505-S | URANIUM-238            | 6.40  | 1.26 | 3.24  | PC/G  | A   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3323  |     | WP0127.0 | 8/25/96  | 0000023747 | 8/22/96 |
| SC-05507-S | AROCLOR-1248           | ND    |      | 35.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893004 | U   | QT1458.0 | 8/24/96  | 0000023748 | 8/22/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DL   | FACT     | LAB ID | LAB QUAL | LAB REQU | DATE       | SAMPLINK | DATE |
|------------|------------------------|--------|------|-------|-------|-----|------|----------|-----------|--------|----------------|------|----------|--------|----------|----------|------------|----------|------|
| SC-05507-S | AROCLOR-1254           | ND     |      | 35.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893004 | U      | QT1459.0 | 8/24/96  | 0000023748 | 8/22/96  |      |
| SC-05507-S | AROCLOR-1260           | 678.00 |      | 35.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893004 |        | QT1459.0 | 8/24/96  | 0000023748 | 8/22/96  |      |
| SC-05507-S | BENZO(A)ANTHRACENE     | 220.00 |      | 4.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893004 |        | QT1459.0 | 8/24/96  | 0000023748 | 8/22/96  |      |
| SC-05507-S | BENZO(A)PYRENE         | 200.00 |      | 8.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893004 |        | QT1459.0 | 8/24/96  | 0000023748 | 8/22/96  |      |
| SC-05507-S | BENZO(B)FLUORANTHENE   | 220.00 |      | 6.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893004 |        | QT1459.0 | 8/24/96  | 0000023748 | 8/22/96  |      |
| SC-05507-S | BENZO(K)FLUORANTHENE   | 76.00  |      | 6.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893004 |        | QT1459.0 | 8/24/96  | 0000023748 | 8/22/96  |      |
| SC-05507-S | CHRYSENE               | 230.00 |      | 53.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893004 |        | QT1459.0 | 8/24/96  | 0000023748 | 8/22/96  |      |
| SC-05507-S | INDENO(1,2,3-CD)PYRENE | 150.00 |      | 15.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893004 |        | QT1459.0 | 8/24/96  | 0000023748 | 8/22/96  |      |
| SC-05507-S | THORIUM-230            | 3.80   | 0.23 | 2.27  | PC/G  | A   |      |          | EMI TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3324  |        | WP0127.0 | 8/27/96  | 0000023748 | 8/22/96  |      |
| SC-05507-S | URANIUM-238            | 37.50  | 3.72 | 4.45  | PC/G  | A   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3324  |        | WP0127.0 | 8/25/96  | 0000023748 | 8/22/96  |      |
| SC-05508-C | AROCLOR-1248           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893006 | U      | QT1459.0 | 8/25/96  | 0000023750 | 8/22/96  |      |
| SC-05508-C | AROCLOR-1254           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893006 | U      | QT1459.0 | 8/25/96  | 0000023750 | 8/22/96  |      |
| SC-05508-C | AROCLOR-1260           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893006 | U      | QT1459.0 | 8/25/96  | 0000023750 | 8/22/96  |      |
| SC-05508-C | BENZO(A)ANTHRACENE     | ND     |      | 4.90  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893006 | U      | QT1459.0 | 8/24/96  | 0000023750 | 8/22/96  |      |
| SC-05508-C | BENZO(A)PYRENE         | ND     |      | 8.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893006 | U      | QT1459.0 | 8/24/96  | 0000023750 | 8/22/96  |      |
| SC-05508-C | BENZO(B)FLUORANTHENE   | ND     |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893006 | U      | QT1459.0 | 8/24/96  | 0000023750 | 8/22/96  |      |
| SC-05508-C | BENZO(K)FLUORANTHENE   | ND     |      | 6.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893006 | U      | QT1459.0 | 8/24/96  | 0000023750 | 8/22/96  |      |
| SC-05508-C | CHRYSENE               | ND     |      | 57.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893006 | U      | QT1459.0 | 8/24/96  | 0000023750 | 8/22/96  |      |
| SC-05508-C | INDENO(1,2,3-CD)PYRENE | ND     |      | 16.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893006 | U      | QT1459.0 | 8/24/96  | 0000023750 | 8/22/96  |      |
| SC-05508-C | THORIUM-230            | 2.67   | 0.11 | 2.27  | PC/G  | A   |      |          | EMI TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3325  |        | WP0127.0 | 8/27/96  | 0000023750 | 8/22/96  |      |
| SC-05508-S | AROCLOR-1248           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893006 | U      | QT1459.0 | 8/24/96  | 0000023748 | 8/22/96  |      |
| SC-05508-S | AROCLOR-1254           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893006 | U      | QT1459.0 | 8/24/96  | 0000023748 | 8/22/96  |      |
| SC-05508-S | AROCLOR-1260           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893006 | U      | QT1459.0 | 8/24/96  | 0000023748 | 8/22/96  |      |
| SC-05508-S | BENZO(A)ANTHRACENE     | ND     |      | 4.90  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893006 | U      | QT1459.0 | 8/24/96  | 0000023749 | 8/22/96  |      |
| SC-05508-S | BENZO(A)PYRENE         | ND     |      | 8.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893006 | U      | QT1459.0 | 8/24/96  | 0000023749 | 8/22/96  |      |
| SC-05508-S | BENZO(B)FLUORANTHENE   | ND     |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893006 | U      | QT1459.0 | 8/24/96  | 0000023749 | 8/22/96  |      |
| SC-05508-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893006 | U      | QT1459.0 | 8/24/96  | 0000023749 | 8/22/96  |      |
| SC-05508-S | CHRYSENE               | ND     |      | 58.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893006 | U      | QT1459.0 | 8/24/96  | 0000023749 | 8/22/96  |      |
| SC-05508-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 16.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893006 | U      | QT1459.0 | 8/24/96  | 0000023749 | 8/22/96  |      |
| SC-05508-S | THORIUM-230            | 2.89   | 0.13 | 2.27  | PC/G  | A   |      |          | EMI TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3326  |        | WP0127.0 | 8/27/96  | 0000023749 | 8/22/96  |      |
| SC-05508-S | URANIUM-238            | 5.58   | 0.94 | 2.67  | PC/G  | A   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3326  |        | WP0127.0 | 8/25/96  | 0000023749 | 8/22/96  |      |
| SC-05508-S | AROCLOR-1248           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893007 | U      | QT1459.0 | 8/24/96  | 0000023751 | 8/22/96  |      |
| SC-05508-S | AROCLOR-1254           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893007 | U      | QT1459.0 | 8/24/96  | 0000023751 | 8/22/96  |      |
| SC-05508-S | AROCLOR-1260           | 67.00  |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893007 |        | QT1459.0 | 8/24/96  | 0000023751 | 8/22/96  |      |
| SC-05508-S | BENZO(A)ANTHRACENE     | ND     |      | 4.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893007 | U      | QT1459.0 | 8/24/96  | 0000023751 | 8/22/96  |      |
| SC-05508-S | BENZO(A)PYRENE         | ND     |      | 8.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893007 | U      | QT1459.0 | 8/24/96  | 0000023751 | 8/22/96  |      |
| SC-05508-S | BENZO(B)FLUORANTHENE   | ND     |      | 6.50  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893007 | U      | QT1459.0 | 8/24/96  | 0000023751 | 8/22/96  |      |
| SC-05508-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893007 | U      | QT1459.0 | 8/24/96  | 0000023751 | 8/22/96  |      |
| SC-05508-S | CHRYSENE               | ND     |      | 54.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893007 | U      | QT1459.0 | 8/24/96  | 0000023751 | 8/22/96  |      |
| SC-05508-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 16.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893007 | U      | QT1459.0 | 8/24/96  | 0000023751 | 8/22/96  |      |
| SC-05508-S | THORIUM-230            | 2.51   | 0.10 | 2.27  | PC/G  | A   |      |          | EMI TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3327  |        | WP0127.0 | 8/27/96  | 0000023751 | 8/22/96  |      |
| SC-05508-S | URANIUM-238            | 5.01   | 1.25 | 4.02  | PC/G  | A   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3327  |        | WP0127.0 | 8/25/96  | 0000023751 | 8/22/96  |      |
| SC-05510-S | URANIUM-238            | 10.20  | 1.37 | 2.68  | PC/G  | A   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3328  |        | WP0127.0 | 8/25/96  | 0000023752 | 8/22/96  |      |
| SC-05512-C | AROCLOR-1248           | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893008 | U      | QT1459.0 | 8/24/96  | 0000023753 | 8/22/96  |      |
| SC-05512-C | AROCLOR-1254           | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893008 | U      | QT1459.0 | 8/24/96  | 0000023753 | 8/22/96  |      |
| SC-05512-C | AROCLOR-1260           | 180.00 |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893008 |        | QT1459.0 | 8/24/96  | 0000023753 | 8/22/96  |      |
| SC-05512-C | BENZO(A)ANTHRACENE     | 7.70   |      | 4.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893008 |        | QT1459.0 | 8/24/96  | 0000023753 | 8/22/96  |      |
| SC-05512-C | BENZO(A)PYRENE         | ND     |      | 8.50  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893008 | U      | QT1459.0 | 8/24/96  | 0000023753 | 8/22/96  |      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL  | LAB      | LAB  | LAB      | DATE    | SAMPLE     | DATE    |
|------------|------------------------|--------|------|-------|-------|-----|------|----------|-----------|--------|----------------|------|----------|------|----------|---------|------------|---------|
|            |                        |        |      |       |       |     |      |          |           |        |                | FACT | ID       | QUAL | REQU     | ANA     | NUM        | SAMPLED |
| SC-05512-C | BENZO(B)FLUORANTHENE   | 8.80   |      | 6.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893008 |      | QT1459.0 | 8/24/96 | 0000023753 | 8/22/96 |
| SC-05512-C | BENZO(K)FLUORANTHENE   | ND     |      | 6.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893008 | U    | QT1459.0 | 8/24/96 | 0000023753 | 8/22/96 |
| SC-05512-C | CHRYSENE               | ND     |      | 56.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893008 | U    | QT1459.0 | 8/24/96 | 0000023753 | 8/22/96 |
| SC-05512-C | INDENO(1,2,3-CD)PYRENE | ND     |      | 16.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893008 | U    | QT1459.0 | 8/24/96 | 0000023753 | 8/22/96 |
| SC-05512-C | THORIUM-230            | 2.58   | 0.12 | 2.27  | PC/G  | A   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3329  |      | WP0127.0 | 8/27/96 | 0000023753 | 8/22/96 |
| SC-05512-S | AROCLOR-1248           | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893009 | U    | QT1459.0 | 8/25/96 | 0000023754 | 8/22/96 |
| SC-05512-S | AROCLOR-1254           | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893009 | U    | QT1459.0 | 8/25/96 | 0000023754 | 8/22/96 |
| SC-05512-S | AROCLOR-1260           | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893009 | U    | QT1459.0 | 8/25/96 | 0000023754 | 8/22/96 |
| SC-05512-S | BENZO(A)ANTHRACENE     | ND     |      | 4.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893009 | U    | QT1459.0 | 8/24/96 | 0000023754 | 8/22/96 |
| SC-05512-S | BENZO(A)PYRENE         | ND     |      | 8.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893009 | U    | QT1459.0 | 8/24/96 | 0000023754 | 8/22/96 |
| SC-05512-S | BENZO(B)FLUORANTHENE   | 8.80   |      | 6.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893009 |      | QT1459.0 | 8/24/96 | 0000023754 | 8/22/96 |
| SC-05512-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893009 | U    | QT1459.0 | 8/24/96 | 0000023754 | 8/22/96 |
| SC-05512-S | CHRYSENE               | ND     |      | 56.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893009 | U    | QT1459.0 | 8/24/96 | 0000023754 | 8/22/96 |
| SC-05512-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 16.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893009 | U    | QT1459.0 | 8/24/96 | 0000023754 | 8/22/96 |
| SC-05512-S | THORIUM-230            | 2.62   | 0.12 | 2.27  | PC/G  | A   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3330  |      | WP0127.0 | 8/25/96 | 0000023754 | 8/22/96 |
| SC-05512-S | URANIUM-238            | -1.64  | 0.64 | 2.47  | PC/G  | U   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3330  |      | WP0127.0 | 8/25/96 | 0000023754 | 8/22/96 |
| SC-05513-S | URANIUM-238            | ND     |      | 4.51  | PC/G  | U   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3331  |      | WP0127.0 | 8/25/96 | 0000023755 | 8/22/96 |
| SC-05514-S | AROCLOR-1248           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893010 | U    | QT1459.0 | 8/24/96 | 0000023756 | 8/22/96 |
| SC-05514-S | AROCLOR-1254           | 210.00 |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893010 |      | QT1459.0 | 8/24/96 | 0000023756 | 8/22/96 |
| SC-05514-S | AROCLOR-1260           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893010 | U    | QT1459.0 | 8/24/96 | 0000023756 | 8/22/96 |
| SC-05514-S | BENZO(A)ANTHRACENE     | 7.10   |      | 5.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893010 |      | QT1459.0 | 8/24/96 | 0000023756 | 8/22/96 |
| SC-05514-S | BENZO(A)PYRENE         | ND     |      | 8.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893010 | U    | QT1459.0 | 8/24/96 | 0000023756 | 8/22/96 |
| SC-05514-S | BENZO(B)FLUORANTHENE   | ND     |      | 6.90  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893010 | U    | QT1459.0 | 8/24/96 | 0000023756 | 8/22/96 |
| SC-05514-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893010 | U    | QT1459.0 | 8/24/96 | 0000023756 | 8/22/96 |
| SC-05514-S | CHRYSENE               | ND     |      | 57.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893010 | U    | QT1459.0 | 8/24/96 | 0000023756 | 8/22/96 |
| SC-05514-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 16.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893010 | U    | QT1459.0 | 8/24/96 | 0000023756 | 8/22/96 |
| SC-05514-S | THORIUM-230            | 2.63   | 0.12 | 2.27  | PC/G  | A   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3332  |      | WP0127.0 | 8/25/96 | 0000023756 | 8/22/96 |
| SC-05514-S | URANIUM-238            | 4.81   | 0.90 | 2.85  | PC/G  | A   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3332  |      | WP0127.0 | 8/25/96 | 0000023756 | 8/22/96 |
| SC-05515-S | AROCLOR-1248           | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893011 | U    | QT1459.0 | 8/24/96 | 0000023757 | 8/22/96 |
| SC-05515-S | AROCLOR-1254           | 470.00 |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893011 |      | QT1459.0 | 8/24/96 | 0000023757 | 8/22/96 |
| SC-05515-S | AROCLOR-1260           | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893011 | U    | QT1459.0 | 8/24/96 | 0000023757 | 8/22/96 |
| SC-05515-S | BENZO(A)ANTHRACENE     | 10.00  |      | 5.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893011 |      | QT1459.0 | 8/24/96 | 0000023757 | 8/22/96 |
| SC-05515-S | BENZO(A)PYRENE         | ND     |      | 8.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893011 | U    | QT1459.0 | 8/24/96 | 0000023757 | 8/22/96 |
| SC-05515-S | BENZO(B)FLUORANTHENE   | ND     |      | 7.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893011 | U    | QT1459.0 | 8/24/96 | 0000023757 | 8/22/96 |
| SC-05515-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893011 | U    | QT1459.0 | 8/24/96 | 0000023757 | 8/22/96 |
| SC-05515-S | CHRYSENE               | ND     |      | 56.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893011 | U    | QT1459.0 | 8/24/96 | 0000023757 | 8/22/96 |
| SC-05515-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893011 | U    | QT1459.0 | 8/24/96 | 0000023757 | 8/22/96 |
| SC-05515-S | THORIUM-230            | 2.99   | 0.19 | 2.27  | PC/G  | J   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3333  |      | WP0127.0 | 8/25/96 | 0000023757 | 8/22/96 |
| SC-05515-S | URANIUM-238            | 15.40  | 2.09 | 4.57  | PC/G  | A   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3333  |      | WP0127.0 | 8/25/96 | 0000023757 | 8/22/96 |
| SC-05517-S | AROCLOR-1248           | ND     |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893012 | U    | QT1459.0 | 8/24/96 | 0000023758 | 8/22/96 |
| SC-05517-S | AROCLOR-1254           | 300.00 |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893012 |      | QT1459.0 | 8/24/96 | 0000023758 | 8/22/96 |
| SC-05517-S | AROCLOR-1260           | ND     |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893012 | U    | QT1459.0 | 8/24/96 | 0000023758 | 8/22/96 |
| SC-05517-S | BENZO(A)ANTHRACENE     | 14.00  |      | 4.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893012 |      | QT1459.0 | 8/24/96 | 0000023758 | 8/22/96 |
| SC-05517-S | BENZO(A)PYRENE         | ND     |      | 8.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893012 | U    | QT1459.0 | 8/24/96 | 0000023758 | 8/22/96 |
| SC-05517-S | BENZO(B)FLUORANTHENE   | 18.00  |      | 6.50  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893012 |      | QT1459.0 | 8/24/96 | 0000023758 | 8/22/96 |
| SC-05517-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893012 | U    | QT1459.0 | 8/24/96 | 0000023758 | 8/22/96 |
| SC-05517-S | CHRYSENE               | ND     |      | 54.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893012 | U    | QT1459.0 | 8/24/96 | 0000023758 | 8/22/96 |
| SC-05517-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 16.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893012 | U    | QT1459.0 | 8/24/96 | 0000023758 | 8/22/96 |

**APPENDIX D TABLE D-1**

| WSSRAP ID  | PARAMETER              | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL  | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLED    | DATE    |
|------------|------------------------|--------|------|-------|-------|-----|------|----------|-----------|--------|----------------|------|----------|----------|----------|----------|------------|---------|
| SC-05517-S | THORIUM-230            | 2.40   | 0.09 | 2.27  | PC/G  | J   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3334  |          | WP0127.0 | 8/28/96  | 0000023758 | 8/22/96 |
| SC-05517-S | URANIUM-238            | 5.58   | 0.99 | 3.09  | PC/G  | A   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3334  |          | WP0127.0 | 8/25/96  | 0000023758 | 8/22/96 |
| SC-05518-C | AROCLOR-1248           | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893014 | U        | QT1459.0 | 8/24/96  | 0000023760 | 8/22/96 |
| SC-05518-C | AROCLOR-1254           | 380.00 |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893014 |          | QT1459.0 | 8/24/96  | 0000023760 | 8/22/96 |
| SC-05518-C | AROCLOR-1260           | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893014 | U        | QT1459.0 | 8/24/96  | 0000023760 | 8/22/96 |
| SC-05518-C | BENZO(A)ANTHRACENE     | 11.00  |      | 4.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893014 |          | QT1459.0 | 8/24/96  | 0000023760 | 8/22/96 |
| SC-05518-C | BENZO(A)PYRENE         | ND     |      | 6.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893014 | U        | QT1459.0 | 8/24/96  | 0000023760 | 8/22/96 |
| SC-05518-C | BENZO(B)FLUORANTHENE   | ND     |      | 6.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893014 | U        | QT1459.0 | 8/24/96  | 0000023760 | 8/22/96 |
| SC-05518-C | BENZO(K)FLUORANTHENE   | ND     |      | 6.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893014 | U        | QT1459.0 | 8/24/96  | 0000023760 | 8/22/96 |
| SC-05518-C | CHRYSENE               | ND     |      | 58.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893014 | U        | QT1459.0 | 8/24/96  | 0000023760 | 8/22/96 |
| SC-05518-C | INDENO(1,2,3-CD)PYRENE | ND     |      | 16.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893014 | U        | QT1459.0 | 8/24/96  | 0000023760 | 8/22/96 |
| SC-05518-C | THORIUM-230            | 2.70   | 0.14 | 2.27  | PC/G  | A   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3336  |          | WP0127.0 | 8/28/96  | 0000023760 | 8/22/96 |
| SC-05518-S | AROCLOR-1248           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893015 | U        | QT1459.0 | 8/24/96  | 0000023759 | 8/22/96 |
| SC-05518-S | AROCLOR-1254           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893015 | U        | QT1459.0 | 8/24/96  | 0000023759 | 8/22/96 |
| SC-05518-S | AROCLOR-1260           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893015 | U        | QT1459.0 | 8/24/96  | 0000023759 | 8/22/96 |
| SC-05518-S | BENZO(A)ANTHRACENE     | 10.00  |      | 4.90  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893015 |          | QT1459.0 | 8/25/96  | 0000023759 | 8/22/96 |
| SC-05518-S | BENZO(A)PYRENE         | ND     |      | 6.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893015 | U        | QT1459.0 | 8/25/96  | 0000023759 | 8/22/96 |
| SC-05518-S | BENZO(B)FLUORANTHENE   | ND     |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893015 | U        | QT1459.0 | 8/25/96  | 0000023759 | 8/22/96 |
| SC-05518-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893015 | U        | QT1459.0 | 8/25/96  | 0000023759 | 8/22/96 |
| SC-05518-S | CHRYSENE               | ND     |      | 58.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893015 | U        | QT1459.0 | 8/25/96  | 0000023759 | 8/22/96 |
| SC-05518-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 16.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893015 | U        | QT1459.0 | 8/25/96  | 0000023759 | 8/22/96 |
| SC-05518-S | THORIUM-230            | 2.58   | 0.12 | 2.27  | PC/G  | A   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3337  |          | WP0127.0 | 8/28/96  | 0000023760 | 8/22/96 |
| SC-05518-S | URANIUM-238            | -1.95  | 0.61 | 2.21  | PC/G  | U   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3337  |          | WP0127.0 | 8/25/96  | 0000023759 | 8/22/96 |
| SC-05519-S | AROCLOR-1248           | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893016 | U        | QT1459.0 | 8/24/96  | 0000023761 | 8/22/96 |
| SC-05519-S | AROCLOR-1254           | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893016 | U        | QT1459.0 | 8/24/96  | 0000023761 | 8/22/96 |
| SC-05519-S | AROCLOR-1260           | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893016 | U        | QT1459.0 | 8/24/96  | 0000023761 | 8/22/96 |
| SC-05519-S | BENZO(A)ANTHRACENE     | 18.00  |      | 5.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893016 |          | QT1459.0 | 8/25/96  | 0000023761 | 8/22/96 |
| SC-05519-S | BENZO(A)PYRENE         | ND     |      | 6.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893016 | U        | QT1459.0 | 8/25/96  | 0000023761 | 8/22/96 |
| SC-05519-S | BENZO(B)FLUORANTHENE   | ND     |      | 7.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893016 | U        | QT1459.0 | 8/25/96  | 0000023761 | 8/22/96 |
| SC-05519-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893016 | U        | QT1459.0 | 8/25/96  | 0000023761 | 8/22/96 |
| SC-05519-S | CHRYSENE               | ND     |      | 59.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893016 | U        | QT1459.0 | 8/25/96  | 0000023761 | 8/22/96 |
| SC-05519-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893016 | U        | QT1459.0 | 8/25/96  | 0000023761 | 8/22/96 |
| SC-05519-S | THORIUM-230            | 2.50   | 0.12 | 2.27  | PC/G  | A   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3338  |          | WP0127.0 | 8/28/96  | 0000023761 | 8/22/96 |
| SC-05519-S | URANIUM-238            | ND     |      | 4.31  | PC/G  | U   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3338  |          | WP0127.0 | 8/25/96  | 0000023761 | 8/22/96 |
| SC-05521-C | AROCLOR-1248           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893017 | U        | QT1459.0 | 8/24/96  | 0000023762 | 8/22/96 |
| SC-05521-C | AROCLOR-1254           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893017 | U        | QT1459.0 | 8/24/96  | 0000023762 | 8/22/96 |
| SC-05521-C | AROCLOR-1260           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893017 | U        | QT1459.0 | 8/24/96  | 0000023762 | 8/22/96 |
| SC-05521-C | BENZO(A)ANTHRACENE     | ND     |      | 5.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893017 | U        | QT1459.0 | 8/25/96  | 0000023762 | 8/22/96 |
| SC-05521-C | BENZO(A)PYRENE         | ND     |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893017 | U        | QT1459.0 | 8/25/96  | 0000023762 | 8/22/96 |
| SC-05521-C | BENZO(B)FLUORANTHENE   | ND     |      | 6.90  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893017 | U        | QT1459.0 | 8/25/96  | 0000023762 | 8/22/96 |
| SC-05521-C | BENZO(K)FLUORANTHENE   | ND     |      | 6.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893017 | U        | QT1459.0 | 8/25/96  | 0000023762 | 8/22/96 |
| SC-05521-C | CHRYSENE               | ND     |      | 57.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893017 | U        | QT1459.0 | 8/25/96  | 0000023762 | 8/22/96 |
| SC-05521-C | INDENO(1,2,3-CD)PYRENE | ND     |      | 16.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893017 | U        | QT1459.0 | 8/25/96  | 0000023762 | 8/22/96 |
| SC-05521-C | THORIUM-230            | 2.62   | 0.11 | 2.27  | PC/G  | A   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3339  |          | WP0127.0 | 8/28/96  | 0000023762 | 8/22/96 |
| SC-05521-C | URANIUM-238            | ND     |      | 3.14  | PC/G  | U   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3339  |          | WP0127.0 | 8/25/96  | 0000023762 | 8/22/96 |
| SC-05521-S | AROCLOR-1248           | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893018 | U        | QT1459.0 | 8/24/96  | 0000023763 | 8/22/96 |
| SC-05521-S | AROCLOR-1254           | 430.00 |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893018 |          | QT1459.0 | 8/24/96  | 0000023763 | 8/22/96 |
| SC-05521-S | AROCLOR-1260           | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893018 | U        | QT1459.0 | 8/24/96  | 0000023763 | 8/22/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL  | LAB      | LAB | LAB      | DATE    | SAMPLING   | DATE    |
|------------|------------------------|--------|------|-------|-------|-----|------|----------|-----------|--------|----------------|------|----------|-----|----------|---------|------------|---------|
| SC-05521-S | BENZO(A)ANTHRACENE     | 33.00  |      | 5.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893018 |     | QT1459.0 | 8/25/96 | 0000023763 | 8/22/96 |
| SC-05521-S | BENZO(A)PYRENE         | ND     |      | 9.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893018 | U   | QT1459.0 | 8/25/96 | 0000023763 | 8/22/96 |
| SC-05521-S | BENZO(B)FLUORANTHENE   | 11.00  |      | 7.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893018 |     | QT1459.0 | 8/25/96 | 0000023763 | 8/22/96 |
| SC-05521-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893018 | U   | QT1459.0 | 8/25/96 | 0000023763 | 8/22/96 |
| SC-05521-S | CHRYSENE               | ND     |      | 58.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893018 | U   | QT1459.0 | 8/25/96 | 0000023763 | 8/22/96 |
| SC-05521-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893018 | U   | QT1459.0 | 8/25/96 | 0000023763 | 8/22/96 |
| SC-05521-S | THORIUM-230            | 2.89   | 0.15 | 2.27  | PC/G  | A   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3340  |     | WP0127.0 | 8/25/96 | 0000023763 | 8/22/96 |
| SC-05521-S | URANIUM-238            | 4.87   | 1.29 | 4.17  | PC/G  | A   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3340  |     | WP0127.0 | 8/25/96 | 0000023763 | 8/22/96 |
| SC-05522-S | AROCOR-1248            | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893019 | U   | QT1459.0 | 8/24/96 | 0000023764 | 8/22/96 |
| SC-05522-S | AROCOR-1254            | 180.00 |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893019 |     | QT1459.0 | 8/24/96 | 0000023764 | 8/22/96 |
| SC-05522-S | AROCOR-1260            | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893019 | U   | QT1459.0 | 8/24/96 | 0000023764 | 8/22/96 |
| SC-05522-S | BENZO(A)ANTHRACENE     | 26.00  |      | 5.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893019 |     | QT1459.0 | 8/25/96 | 0000023764 | 8/22/96 |
| SC-05522-S | BENZO(A)PYRENE         | ND     |      | 9.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893019 | U   | QT1459.0 | 8/25/96 | 0000023764 | 8/22/96 |
| SC-05522-S | BENZO(B)FLUORANTHENE   | ND     |      | 7.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893019 | U   | QT1459.0 | 8/25/96 | 0000023764 | 8/22/96 |
| SC-05522-S | BENZO(K)FLUORANTHENE   | ND     |      | 7.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893019 | U   | QT1459.0 | 8/25/96 | 0000023764 | 8/22/96 |
| SC-05522-S | CHRYSENE               | ND     |      | 62.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893019 | U   | QT1459.0 | 8/25/96 | 0000023764 | 8/22/96 |
| SC-05522-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 18.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893019 | U   | QT1459.0 | 8/25/96 | 0000023764 | 8/22/96 |
| SC-05522-S | THORIUM-230            | 2.73   | 0.14 | 2.27  | PC/G  | A   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3341  |     | WP0127.0 | 8/25/96 | 0000023764 | 8/22/96 |
| SC-05522-S | URANIUM-238            | 3.53   | 0.77 | 2.47  | PC/G  | A   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3341  |     | WP0127.0 | 8/25/96 | 0000023764 | 8/22/96 |
| SC-05524-S | AROCOR-1248            | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893020 | U   | QT1459.0 | 8/24/96 | 0000023765 | 8/22/96 |
| SC-05524-S | AROCOR-1254            | 720.00 |      | 78.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 2.00 | 11893020 |     | QT1459.0 | 8/25/96 | 0000023765 | 8/22/96 |
| SC-05524-S | AROCOR-1260            | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11893020 | U   | QT1459.0 | 8/24/96 | 0000023765 | 8/22/96 |
| SC-05524-S | BENZO(A)ANTHRACENE     | 21.00  |      | 5.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893020 |     | QT1459.0 | 8/25/96 | 0000023765 | 8/22/96 |
| SC-05524-S | BENZO(A)PYRENE         | ND     |      | 9.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893020 | U   | QT1459.0 | 8/25/96 | 0000023765 | 8/22/96 |
| SC-05524-S | BENZO(B)FLUORANTHENE   | ND     |      | 7.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893020 | U   | QT1459.0 | 8/25/96 | 0000023765 | 8/22/96 |
| SC-05524-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893020 | U   | QT1459.0 | 8/25/96 | 0000023765 | 8/22/96 |
| SC-05524-S | CHRYSENE               | ND     |      | 80.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893020 | U   | QT1459.0 | 8/25/96 | 0000023765 | 8/22/96 |
| SC-05524-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11893020 | U   | QT1459.0 | 8/25/96 | 0000023765 | 8/22/96 |
| SC-05524-S | THORIUM-230            | 2.91   | 0.16 | 2.27  | PC/G  | A   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3342  |     | WP0127.0 | 8/25/96 | 0000023765 | 8/22/96 |
| SC-05524-S | URANIUM-238            | 3.79   | 1.10 | 2.89  | PC/G  | A   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3342  |     | WP0127.0 | 8/25/96 | 0000023765 | 8/22/96 |
| SC-05601-C | THORIUM-230            | 2.22   | 0.33 | 0.08  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL  | 1.00 | L7733-1  |     | LK0456.0 | 8/23/96 | 0000023766 | 8/21/96 |
| SC-05601-C | URANIUM-238            | 4.34   | 1.49 | 4.40  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3240  |     | WP0125.0 | 8/22/96 | 0000023766 | 8/21/96 |
| SC-05601-S | THORIUM-230            | 1.27   | 0.20 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL  | 1.00 | L7733-2  |     | LK0456.0 | 8/23/96 | 0000023767 | 8/21/96 |
| SC-05601-S | URANIUM-238            | 7.90   | 1.62 | 3.11  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3241  |     | WP0125.0 | 8/22/96 | 0000023767 | 8/21/96 |
| SC-05602-S | THORIUM-230            | 1.38   | 0.22 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL  | 1.00 | L7733-3  |     | LK0456.0 | 8/23/96 | 0000023768 | 8/21/96 |
| SC-05602-S | URANIUM-238            | ND     |      | 3.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3242  |     | WP0126.0 | 8/22/96 | 0000023768 | 8/21/96 |
| SC-05603-S | THORIUM-230            | 1.17   | 0.20 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL  | 1.00 | L7733-4  |     | LK0456.0 | 8/23/96 | 0000023768 | 8/21/96 |
| SC-05603-S | URANIUM-238            | ND     |      | 3.63  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3243  |     | WP0125.0 | 8/22/96 | 0000023769 | 8/21/96 |
| SC-05604-S | URANIUM-238            | ND     |      | 3.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3244  |     | WP0125.0 | 8/22/96 | 0000023770 | 8/21/96 |
| SC-05605-S | URANIUM-238            | ND     |      | 4.51  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3245  |     | WP0125.0 | 8/22/96 | 0000023771 | 8/21/96 |
| SC-05606-S | URANIUM-238            | 7.86   | 1.39 | 3.49  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3246  |     | WP0126.0 | 8/22/96 | 0000023772 | 8/21/96 |
| SC-05607-S | THORIUM-230            | 0.96   | 0.18 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL  | 1.00 | L7733-5  |     | LK0456.0 | 8/23/96 | 0000023773 | 8/21/96 |
| SC-05607-S | URANIUM-238            | ND     |      | 3.35  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3247  |     | WP0125.0 | 8/22/96 | 0000023773 | 8/21/96 |
| SC-05608-S | THORIUM-230            | 1.04   | 0.20 | 0.08  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL  | 1.00 | L7733-7  |     | LK0456.0 | 8/23/96 | 0000023774 | 8/21/96 |
| SC-05608-S | URANIUM-238            | 1.76   | 0.53 | 1.74  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3248  |     | WP0125.0 | 8/22/96 | 0000023774 | 8/21/96 |
| SC-05609-C | THORIUM-230            | 1.21   | 0.23 | 0.05  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL  | 1.00 | L7733-8  |     | LK0456.0 | 8/23/96 | 0000023791 | 8/21/96 |
| SC-05609-S | THORIUM-230            | 1.31   | 0.26 | 0.06  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL  | 1.00 | L7733-9  |     | LK0456.0 | 8/23/96 | 0000023775 | 8/21/96 |
| SC-05609-S | URANIUM-238            | ND     |      | 3.73  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3250  |     | WP0126.0 | 8/23/96 | 0000023775 | 8/21/96 |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DRL  | LAB      | LAB  | LAB      | DATE    | SAMPLINK   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|------|----------|---------|------------|---------|
|            |             |       |      |       |       |     |      |          |           |        |               | FACT | ID       | QUAL | REQU     | ANA     |            | SAMPLED |
| SC-05610-S | URANIUM-238 | ND    |      | 3.52  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3251  |      | WP0125.0 | 8/23/96 | 0000023776 | 8/21/96 |
| SC-05611-S | URANIUM-238 | ND    |      | 3.79  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3252  |      | WP0125.0 | 8/23/96 | 0000023777 | 8/21/96 |
| SC-05612-S | URANIUM-238 | 7.97  | 1.42 | 3.32  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3253  |      | WP0125.0 | 8/23/96 | 0000023778 | 8/21/96 |
| SC-05613-S | THORIUM-230 | 1.14  | 0.20 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-10 |      | LK0456.0 | 8/23/96 | 0000023779 | 8/21/96 |
| SC-05613-S | URANIUM-238 | ND    |      | 3.07  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3254  |      | WP0125.0 | 8/23/96 | 0000023779 | 8/21/96 |
| SC-05614-S | THORIUM-230 | 1.05  | 0.19 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-11 |      | LK0456.0 | 8/23/96 | 0000023780 | 8/21/96 |
| SC-05614-S | URANIUM-238 | ND    |      | 4.15  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3255  |      | WP0125.0 | 8/23/96 | 0000023780 | 8/21/96 |
| SC-05615-S | THORIUM-230 | 1.01  | 0.22 | 0.06  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-12 |      | LK0456.0 | 8/23/96 | 0000023781 | 8/21/96 |
| SC-05615-S | URANIUM-238 | ND    |      | 2.97  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3256  |      | WP0125.0 | 8/23/96 | 0000023781 | 8/21/96 |
| SC-05616-S | URANIUM-238 | -3.98 | 1.19 | 4.05  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3257  |      | WP0125.0 | 8/23/96 | 0000023782 | 8/21/96 |
| SC-05617-S | URANIUM-238 | 3.98  | 0.75 | 2.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3258  |      | WP0125.0 | 8/23/96 | 0000023783 | 8/21/96 |
| SC-05618-S | THORIUM-230 | 1.14  | 0.20 | 0.05  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-13 |      | LK0456.0 | 8/23/96 | 0000023784 | 8/21/96 |
| SC-05618-S | URANIUM-238 | ND    |      | 3.00  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3259  |      | WP0125.0 | 8/23/96 | 0000023784 | 8/21/96 |
| SC-05620-C | THORIUM-230 | 1.18  | 0.22 | 0.05  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-14 |      | LK0456.0 | 8/23/96 | 0000023785 | 8/21/96 |
| SC-05620-C | URANIUM-238 | ND    |      | 4.07  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3260  |      | WP0125.0 | 8/24/96 | 0000023785 | 8/21/96 |
| SC-05620-S | THORIUM-230 | 1.27  | 0.23 | 0.05  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-15 |      | LK0456.0 | 8/23/96 | 0000023786 | 8/21/96 |
| SC-05620-S | URANIUM-238 | ND    |      | 3.03  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3261  |      | WP0125.0 | 8/24/96 | 0000023786 | 8/21/96 |
| SC-05621-S | THORIUM-230 | 2.75  | 0.33 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-16 |      | LK0456.0 | 8/23/96 | 0000023787 | 8/21/96 |
| SC-05621-S | URANIUM-238 | 6.43  | 1.45 | 3.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3262  |      | WP0125.0 | 8/24/96 | 0000023787 | 8/21/96 |
| SC-05622-S | URANIUM-238 | ND    |      | 4.11  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3263  |      | WP0125.0 | 8/24/96 | 0000023788 | 8/21/96 |
| SC-05624-S | URANIUM-238 | 13.60 | 1.76 | 3.47  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3265  |      | WP0125.0 | 8/24/96 | 0000023789 | 8/21/96 |
| SC-05625-S | THORIUM-230 | 1.30  | 0.18 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-18 |      | LK0456.0 | 8/23/96 | 0000023790 | 8/21/96 |
| SC-05625-S | URANIUM-238 | -2.98 | 1.07 | 3.12  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3266  |      | WP0125.0 | 8/24/96 | 0000023790 | 8/21/96 |
| SC-05701-S | AROCOR-1240 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11860001 | U    | QT1454.0 | 8/21/96 | 0000023792 | 8/19/96 |
| SC-05701-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11860001 | U    | QT1454.0 | 8/21/96 | 0000023792 | 8/19/96 |
| SC-05701-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11860001 | U    | QT1454.0 | 8/21/96 | 0000023792 | 8/19/96 |
| SC-05701-S | ARSENIC     | 9.40  |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11860001 |      | QT1454.0 | 8/21/96 | 0000023792 | 8/19/96 |
| SC-05701-S | CHROMIUM    | 15.40 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11860001 |      | QT1454.0 | 8/21/96 | 0000023792 | 8/19/96 |
| SC-05701-S | LEAD        | 14.00 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11860001 |      | QT1454.0 | 8/22/96 | 0000023792 | 8/19/96 |
| SC-05701-S | RADIUM-226  | 2.18  | 0.12 | 0.35  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3217  |      | WP0124.0 | 9/25/96 | 0000023792 | 8/19/96 |
| SC-05701-S | RADIUM-228  | 1.24  | 0.13 | 0.46  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3217  |      | WP0124.0 | 9/25/96 | 0000023792 | 8/19/96 |
| SC-05701-S | THORIUM-230 | 2.63  | 0.16 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3217  |      | WP0124.0 | 8/22/96 | 0000023792 | 8/19/96 |
| SC-05701-S | URANIUM-238 | ND    |      | 3.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3217  |      | WP0124.0 | 8/21/96 | 0000023792 | 8/19/96 |
| SC-05702-S | URANIUM-238 | ND    |      | 3.07  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3267  |      | WP0125.0 | 8/23/96 | 0000023793 | 8/21/96 |
| SC-05703-S | URANIUM-238 | -1.70 | 0.80 | 2.47  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3268  |      | WP0125.0 | 8/23/96 | 0000023794 | 8/21/96 |
| SC-05704-S | AROCOR-1240 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11862001 | U    | QT1455.0 | 8/23/96 | 0000023795 | 8/21/96 |
| SC-05704-S | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11862001 | U    | QT1455.0 | 8/23/96 | 0000023795 | 8/21/96 |
| SC-05704-S | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11862001 | U    | QT1455.0 | 8/23/96 | 0000023795 | 8/21/96 |
| SC-05704-S | ARSENIC     | 7.50  |      | 0.45  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11862001 |      | QT1455.0 | 8/23/96 | 0000023795 | 8/21/96 |
| SC-05704-S | CHROMIUM    | 14.70 |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11862001 |      | QT1455.0 | 8/23/96 | 0000023795 | 8/21/96 |
| SC-05704-S | LEAD        | 14.80 |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11862001 |      | QT1455.0 | 8/23/96 | 0000023795 | 8/21/96 |
| SC-05704-S | RADIUM-226  | 1.09  | 0.12 | 0.38  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3268  |      | WP0125.0 | 9/25/96 | 0000023795 | 8/21/96 |
| SC-05704-S | RADIUM-228  | ND    |      | 1.26  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3269  |      | WP0125.0 | 9/25/96 | 0000023795 | 8/21/96 |
| SC-05704-S | THORIUM-230 | 1.16  | 0.17 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-19 |      | LK0456.0 | 8/23/96 | 0000023795 | 8/21/96 |
| SC-05704-S | URANIUM-238 | ND    |      | 4.05  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3269  |      | WP0125.0 | 9/25/96 | 0000023795 | 8/21/96 |
| SC-05705-S | RADIUM-226  | 1.70  | 0.14 | 0.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3271  |      | WP0125.0 | 9/25/96 | 0000023796 | 8/21/96 |
| SC-05705-S | RADIUM-228  | 1.49  | 0.18 | 0.58  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3271  |      | WP0125.0 | 9/25/96 | 0000023796 | 8/21/96 |
| SC-05705-S | URANIUM-238 | ND    |      | 4.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3271  |      | WP0125.0 | 9/25/96 | 0000023796 | 8/21/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL   | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL   | LAB      | LAB  | LAB      | DATE    | SAMPLINK   | DATE    |
|------------|-------------|-------|------|------|-------|-----|------|----------|-----------|--------|---------------|------|----------|------|----------|---------|------------|---------|
|            |             |       |      |      |       |     |      |          |           |        |               | FACT | ID       | QUAL | REQU     | ANA     |            | SAMPLED |
| SC-05706-S | URANIUM-238 | 3.87  | 0.75 | 2.42 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3272  |      | WP0125.0 | 8/22/96 | 0000023797 | 8/21/96 |
| SC-05707-S | RADIUM-226  | 1.29  | 0.10 | 0.28 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3273  |      | WP0125.0 | 8/25/96 | 0000023798 | 8/21/96 |
| SC-05707-S | RADIUM-228  | 1.24  | 0.13 | 0.40 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3273  |      | WP0125.0 | 8/25/96 | 0000023798 | 8/21/96 |
| SC-05707-S | URANIUM-238 | ND    |      | 3.08 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3273  |      | WP0125.0 | 8/25/96 | 0000023798 | 8/21/96 |
| SC-05708-S | RADIUM-226  | 1.87  | 0.11 | 0.35 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3274  |      | WP0125.0 | 8/25/96 | 0000023798 | 8/21/96 |
| SC-05708-S | RADIUM-228  | 0.82  | 0.14 | 0.50 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3274  |      | WP0125.0 | 8/25/96 | 0000023798 | 8/21/96 |
| SC-05708-S | URANIUM-238 | 4.22  | 0.77 | 2.23 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3274  |      | WP0125.0 | 8/25/96 | 0000023798 | 8/21/96 |
| SC-05709-S | RADIUM-226  | 1.27  | 0.09 | 0.22 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3275  |      | WP0125.0 | 8/25/96 | 0000023800 | 8/21/96 |
| SC-05709-S | RADIUM-228  | 0.92  | 0.12 | 0.28 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3275  |      | WP0125.0 | 8/25/96 | 0000023800 | 8/21/96 |
| SC-05709-S | URANIUM-238 | 4.33  | 0.82 | 2.75 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3275  |      | WP0125.0 | 8/25/96 | 0000023800 | 8/21/96 |
| SC-05710-S | RADIUM-226  | 1.84  | 0.14 | 0.37 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3276  |      | WP0125.0 | 8/25/96 | 0000023801 | 8/21/96 |
| SC-05710-S | RADIUM-228  | ND    |      | 1.28 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3276  |      | WP0125.0 | 8/25/96 | 0000023801 | 8/21/96 |
| SC-05710-S | URANIUM-238 | ND    |      | 4.50 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3276  |      | WP0125.0 | 8/25/96 | 0000023801 | 8/21/96 |
| SC-05711-S | RADIUM-226  | 1.03  | 0.09 | 0.23 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3277  |      | WP0125.0 | 8/25/96 | 0000023802 | 8/21/96 |
| SC-05711-S | RADIUM-228  | ND    |      | 0.59 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3277  |      | WP0125.0 | 8/25/96 | 0000023802 | 8/21/96 |
| SC-05711-S | URANIUM-238 | 3.27  | 0.68 | 2.18 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3277  |      | WP0125.0 | 8/25/96 | 0000023802 | 8/21/96 |
| SC-05712-S | URANIUM-238 | 3.73  | 0.81 | 2.83 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3278  |      | WP0125.0 | 8/23/96 | 0000023803 | 8/21/96 |
| SC-05713-S | URANIUM-238 | -3.47 | 1.80 | 5.00 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3279  |      | WP0125.0 | 8/23/96 | 0000023804 | 8/21/96 |
| SC-05714-S | RADIUM-226  | 1.43  | 0.13 | 0.24 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3280  |      | WP0125.0 | 8/25/96 | 0000023805 | 8/21/96 |
| SC-05714-S | RADIUM-228  | 1.33  | 0.19 | 0.65 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3280  |      | WP0125.0 | 8/25/96 | 0000023805 | 8/21/96 |
| SC-05714-S | THORIUM-230 | 1.08  | 0.16 | 0.03 | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-21 |      | LK0458.0 | 8/23/96 | 0000023805 | 8/21/96 |
| SC-05714-S | URANIUM-238 | ND    |      | 4.45 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3280  |      | WP0125.0 | 8/25/96 | 0000023805 | 8/21/96 |
| SC-05715-S | RADIUM-226  | 1.93  | 0.14 | 0.35 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3281  |      | WP0125.0 | 8/25/96 | 0000023806 | 8/21/96 |
| SC-05715-S | RADIUM-228  | 1.67  | 0.18 | 0.50 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3281  |      | WP0125.0 | 8/25/96 | 0000023806 | 8/21/96 |
| SC-05715-S | THORIUM-230 | 1.21  | 0.18 | 0.04 | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-22 |      | LK0458.0 | 8/23/96 | 0000023806 | 8/21/96 |
| SC-05715-S | URANIUM-238 | 3.01  | 0.90 | 2.42 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3281  |      | WP0125.0 | 8/25/96 | 0000023806 | 8/21/96 |
| SC-05716-C | THORIUM-230 | 1.31  | 0.18 | 0.04 | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-23 |      | LK0458.0 | 8/23/96 | 0000023806 | 8/21/96 |
| SC-05716-S | RADIUM-226  | 1.30  | 0.10 | 0.34 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3282  |      | WP0125.0 | 8/25/96 | 0000023807 | 8/21/96 |
| SC-05716-S | RADIUM-228  | 1.21  | 0.13 | 0.52 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3282  |      | WP0125.0 | 8/25/96 | 0000023807 | 8/21/96 |
| SC-05716-S | THORIUM-230 | 1.23  | 0.17 | 0.03 | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-24 |      | LK0458.0 | 8/23/96 | 0000023807 | 8/21/96 |
| SC-05716-S | URANIUM-238 | ND    |      | 3.22 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3282  |      | WP0125.0 | 8/25/96 | 0000023807 | 8/21/96 |
| SC-05717-S | URANIUM-238 | 7.72  | 1.08 | 2.22 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3283  |      | WP0125.0 | 8/23/96 | 0000023808 | 8/21/96 |
| SC-05718-S | RADIUM-226  | 1.49  | 0.13 | 0.36 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3284  |      | WP0125.0 | 8/25/96 | 0000023810 | 8/21/96 |
| SC-05718-S | RADIUM-228  | 1.29  | 0.18 | 0.49 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3284  |      | WP0125.0 | 8/25/96 | 0000023810 | 8/21/96 |
| SC-05718-S | THORIUM-230 | 1.14  | 0.17 | 0.04 | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-25 |      | LK0458.0 | 8/23/96 | 0000023810 | 8/21/96 |
| SC-05718-S | URANIUM-238 | ND    |      | 4.18 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3284  |      | WP0125.0 | 8/25/96 | 0000023810 | 8/21/96 |
| SC-05719-C | THORIUM-230 | 1.37  | 0.19 | 0.04 | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-26 |      | LK0458.0 | 8/23/96 | 0000023812 | 8/21/96 |
| SC-05719-S | RADIUM-226  | 1.41  | 0.10 | 0.32 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3285  |      | WP0125.0 | 8/25/96 | 0000023811 | 8/21/96 |
| SC-05719-S | RADIUM-228  | 1.25  | 0.13 | 0.45 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3285  |      | WP0125.0 | 8/25/96 | 0000023811 | 8/21/96 |
| SC-05719-S | THORIUM-230 | 1.25  | 0.19 | 0.04 | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-27 |      | LK0458.0 | 8/23/96 | 0000023811 | 8/21/96 |
| SC-05719-S | URANIUM-238 | ND    |      | 3.14 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3285  |      | WP0125.0 | 8/25/96 | 0000023811 | 8/21/96 |
| SC-05720-C | THORIUM-230 | 1.24  | 0.18 | 0.04 | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-28 |      | LK0458.0 | 8/23/96 | 0000023814 | 8/21/96 |
| SC-05720-S | RADIUM-226  | 1.39  | 0.13 | 0.35 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3286  |      | WP0125.0 | 8/25/96 | 0000023813 | 8/21/96 |
| SC-05720-S | RADIUM-228  | 1.26  | 0.16 | 0.24 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3286  |      | WP0125.0 | 8/25/96 | 0000023813 | 8/21/96 |
| SC-05720-S | THORIUM-230 | 1.18  | 0.17 | 0.03 | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7733-29 |      | LK0458.0 | 8/23/96 | 0000023813 | 8/21/96 |
| SC-05720-S | URANIUM-238 | ND    |      | 4.11 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3286  |      | WP0125.0 | 8/25/96 | 0000023813 | 8/21/96 |
| SC-05721-S | URANIUM-238 | 6.19  | 1.34 | 3.06 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3287  |      | WP0125.0 | 8/22/96 | 0000023815 | 8/21/96 |
| SC-05722-S | URANIUM-238 | ND    |      | 3.88 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3288  |      | WP0125.0 | 8/23/96 | 0000023816 | 8/21/96 |

APPENDIX D TABLE D-1

| WSSRAP ID       | PARAMETER              | CONC    | ERR   | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|-----------------|------------------------|---------|-------|-------|-------|-----|------|----------|-----------|--------|----------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-05801-S      | BENZO(A)ANTHRACENE     | 1300.00 |       | 51.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 10.00    | 11896001 |          | QT1460.0 | 8/25/96  | 0000023817 | 8/22/96      |
| SC-05801-S      | BENZO(A)PYRENE         | ND      |       | 9.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896001 | U        | QT1460.0 | 8/25/96  | 0000023817 | 8/22/96      |
| SC-05801-S      | BENZO(B)FLUORANTHENE   | 12.00   |       | 7.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896001 |          | QT1460.0 | 8/25/96  | 0000023817 | 8/22/96      |
| SC-05801-S      | BENZO(K)FLUORANTHENE   | ND      |       | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896001 | U        | QT1460.0 | 8/25/96  | 0000023817 | 8/22/96      |
| SC-05801-S      | CHRYSENE               | ND      |       | 60.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896001 | U        | QT1460.0 | 8/25/96  | 0000023817 | 8/22/96      |
| SC-05801-S      | INDENO(1,2,3-CD)PYRENE | ND      |       | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896001 | U        | QT1460.0 | 8/25/96  | 0000023817 | 8/22/96      |
| SC-05801-S      | URANIUM-238            | 6.77    | 1.02  | 2.20  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3345  |          | WP0128.0 | 8/25/96  | 0000023817 | 8/22/96      |
| SC-05802-S      | BENZO(A)ANTHRACENE     | 1900.00 |       | 50.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 10.00    | 11896002 |          | QT1460.0 | 8/25/96  | 0000023818 | 8/22/96      |
| SC-05802-S      | BENZO(A)PYRENE         | 18.00   |       | 8.90  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896002 |          | QT1460.0 | 8/25/96  | 0000023818 | 8/22/96      |
| SC-05802-S      | BENZO(B)FLUORANTHENE   | 110.00  |       | 7.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896002 |          | QT1460.0 | 8/25/96  | 0000023818 | 8/22/96      |
| SC-05802-S      | BENZO(K)FLUORANTHENE   | ND      |       | 8.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896002 | U        | QT1460.0 | 8/25/96  | 0000023818 | 8/22/96      |
| SC-05802-S      | CHRYSENE               | ND      |       | 57.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896002 | U        | QT1460.0 | 8/25/96  | 0000023818 | 8/22/96      |
| SC-05802-S      | INDENO(1,2,3-CD)PYRENE | ND      |       | 16.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896002 | U        | QT1460.0 | 8/25/96  | 0000023818 | 8/22/96      |
| SC-05802-S      | URANIUM-238            | 5.75    | 1.28  | 2.91  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3346  |          | WP0128.0 | 8/25/96  | 0000023818 | 8/22/96      |
| SC-05802-S-HS01 | RADIUM-226             | 1.32    | 0.11  | 0.40  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3455  |          | WP0133.0 | 9/30/96  | 0000029684 | 8/28/96      |
| SC-05802-S-HS01 | RADIUM-228             | 1.16    | 0.17  | 0.50  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3455  |          | WP0133.0 | 9/30/96  | 0000029684 | 8/28/96      |
| SC-05802-S-HS01 | URANIUM-238            | 181.00  | 12.30 | 7.86  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3455  |          | WP0133.0 | 9/30/96  | 0000029684 | 8/28/96      |
| SC-05802-S-HS02 | RADIUM-226             | 1.42    | 0.12  | 0.61  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3456  |          | WP0133.0 | 9/30/96  | 0000029685 | 8/28/96      |
| SC-05802-S-HS02 | RADIUM-228             | 1.08    | 0.18  | 0.64  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3456  |          | WP0133.0 | 9/30/96  | 0000029685 | 8/28/96      |
| SC-05802-S-HS02 | URANIUM-238            | 185.00  | 12.80 | 5.66  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3456  |          | WP0133.0 | 9/30/96  | 0000029685 | 8/28/96      |
| SC-05802-S-HS03 | RADIUM-226             | 1.52    | 0.20  | 0.81  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3457  |          | WP0133.0 | 9/30/96  | 0000029687 | 8/28/96      |
| SC-05802-S-HS03 | RADIUM-228             | 1.20    | 0.23  | 1.03  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3457  |          | WP0133.0 | 9/30/96  | 0000029687 | 8/28/96      |
| SC-05802-S-HS03 | URANIUM-238            | 724.00  | 38.20 | 19.60 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3457  |          | WP0133.0 | 9/30/96  | 0000029687 | 8/28/96      |
| SC-05802-S-RS01 | THORIUM-230            | 1.15    | 0.13  | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3616  |          | WP0136.0 | 9/11/96  | 0000029683 | 9/7/96       |
| SC-05802-S-RS01 | URANIUM-238            | ND      |       | 4.12  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3616  |          | WP0136.0 | 9/9/96   | 0000029683 | 9/7/96       |
| SC-05803-S      | URANIUM-238            | ND      |       | 3.25  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3347  |          | WP0128.0 | 8/25/96  | 0000023819 | 8/22/96      |
| SC-05803-S-HS01 | RADIUM-226             | 4.21    | 0.22  | 0.82  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3458  |          | WP0133.0 | 10/1/96  | 0000029683 | 8/28/96      |
| SC-05803-S-HS01 | RADIUM-228             | 3.56    | 0.30  | 1.02  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3458  |          | WP0133.0 | 10/1/96  | 0000029683 | 8/28/96      |
| SC-05803-S-HS01 | URANIUM-238            | 252.00  | 18.90 | 13.50 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3458  |          | WP0133.0 | 10/1/96  | 0000029683 | 8/28/96      |
| SC-05803-S-RS01 | THORIUM-230            | 1.05    | 0.12  | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3617  |          | WP0136.0 | 9/11/96  | 0000029684 | 9/7/96       |
| SC-05803-S-RS01 | URANIUM-238            | ND      |       | 3.23  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3617  |          | WP0136.0 | 9/9/96   | 0000029684 | 9/7/96       |
| SC-05804-S      | URANIUM-238            | ND      |       | 3.26  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3348  |          | WP0128.0 | 8/25/96  | 0000023820 | 8/22/96      |
| SC-05805-C      | BENZO(A)ANTHRACENE     | ND      |       | 5.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896003 | U        | QT1460.0 | 8/25/96  | 0000023821 | 8/22/96      |
| SC-05805-C      | BENZO(A)PYRENE         | ND      |       | 9.50  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896003 | U        | QT1460.0 | 8/25/96  | 0000023821 | 8/22/96      |
| SC-05805-C      | BENZO(B)FLUORANTHENE   | ND      |       | 7.50  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896003 | U        | QT1460.0 | 8/25/96  | 0000023821 | 8/22/96      |
| SC-05805-C      | BENZO(K)FLUORANTHENE   | ND      |       | 7.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896003 | U        | QT1460.0 | 8/25/96  | 0000023821 | 8/22/96      |
| SC-05805-C      | CHRYSENE               | ND      |       | 62.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896003 | U        | QT1460.0 | 8/25/96  | 0000023821 | 8/22/96      |
| SC-05805-C      | INDENO(1,2,3-CD)PYRENE | ND      |       | 18.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896003 | U        | QT1460.0 | 8/25/96  | 0000023821 | 8/22/96      |
| SC-05805-S      | BENZO(A)ANTHRACENE     | ND      |       | 6.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896004 | U        | QT1460.0 | 8/25/96  | 0000023822 | 8/22/96      |
| SC-05805-S      | BENZO(A)PYRENE         | ND      |       | 9.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896004 | U        | QT1460.0 | 8/25/96  | 0000023822 | 8/22/96      |
| SC-05805-S      | BENZO(B)FLUORANTHENE   | ND      |       | 7.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896004 | U        | QT1460.0 | 8/25/96  | 0000023822 | 8/22/96      |
| SC-05805-S      | BENZO(K)FLUORANTHENE   | ND      |       | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896004 | U        | QT1460.0 | 8/25/96  | 0000023822 | 8/22/96      |
| SC-05805-S      | CHRYSENE               | ND      |       | 60.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896004 | U        | QT1460.0 | 8/25/96  | 0000023822 | 8/22/96      |
| SC-05805-S      | INDENO(1,2,3-CD)PYRENE | ND      |       | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896004 | U        | QT1460.0 | 8/25/96  | 0000023822 | 8/22/96      |
| SC-05805-S      | URANIUM-238            | 11.00   | 1.43  | 3.23  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3349  |          | WP0128.0 | 8/25/96  | 0000023822 | 8/22/96      |
| SC-05806-S      | BENZO(A)ANTHRACENE     | ND      |       | 5.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896005 | U        | QT1460.0 | 8/25/96  | 0000023823 | 8/22/96      |
| SC-05806-S      | BENZO(A)PYRENE         | ND      |       | 9.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896005 | U        | QT1460.0 | 8/25/96  | 0000023823 | 8/22/96      |
| SC-05806-S      | BENZO(B)FLUORANTHENE   | ND      |       | 7.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896005 | U        | QT1460.0 | 8/25/96  | 0000023823 | 8/22/96      |

APPENDIX D TABLE D-1

| WSSRAP ID       | PARAMETER              | CONC    | ERR   | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLE INK | DATE SAMPLED |
|-----------------|------------------------|---------|-------|-------|-------|-----|------|----------|-----------|--------|----------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-05806-S      | BENZO(K)FLUORANTHENE   | ND      |       | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896005 | U        | QT1480.0 | 8/25/96  | 0000023823 | 8/22/96      |
| SC-05806-S      | CHRYSENE               | ND      |       | 80.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896005 | U        | QT1480.0 | 8/25/96  | 0000023823 | 8/22/96      |
| SC-05806-S      | INDENO(1,2,3-CD)PYRENE | ND      |       | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896005 | U        | QT1480.0 | 8/25/96  | 0000023823 | 8/22/96      |
| SC-05806-S      | URANIUM-238            | ND      |       | 5.10  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3350  |          | WP0128.0 | 8/25/96  | 0000023823 | 8/22/96      |
| SC-05807-S      | BENZO(A)ANTHRACENE     | ND      |       | 5.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896006 | U        | QT1480.0 | 8/25/96  | 0000024066 | 8/22/96      |
| SC-05807-S      | BENZO(A)PYRENE         | ND      |       | 9.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896006 | U        | QT1480.0 | 8/25/96  | 0000024066 | 8/22/96      |
| SC-05807-S      | BENZO(B)FLUORANTHENE   | ND      |       | 7.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896006 | U        | QT1480.0 | 8/25/96  | 0000024066 | 8/22/96      |
| SC-05807-S      | BENZO(K)FLUORANTHENE   | ND      |       | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896006 | U        | QT1480.0 | 8/25/96  | 0000024066 | 8/22/96      |
| SC-05807-S      | CHRYSENE               | ND      |       | 61.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896006 | U        | QT1480.0 | 8/25/96  | 0000024066 | 8/22/96      |
| SC-05807-S      | INDENO(1,2,3-CD)PYRENE | ND      |       | 18.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896006 | U        | QT1480.0 | 8/25/96  | 0000024066 | 8/22/96      |
| SC-05807-S      | URANIUM-238            | 4.66    | 1.01  | 3.29  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3351  |          | WP0128.0 | 8/25/96  | 0000024066 | 8/22/96      |
| SC-05808-S      | URANIUM-238            | 5.46    | 1.45  | 3.88  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3352  |          | WP0128.0 | 8/25/96  | 0000024067 | 8/22/96      |
| SC-05809-S      | ARSENIC                | 9.80    |       | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11896008 |          | QT1480.0 | 8/23/96  | 0000024068 | 8/22/96      |
| SC-05809-S      | BENZO(A)ANTHRACENE     | 110.00  |       | 5.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896008 |          | QT1480.0 | 8/25/96  | 0000024068 | 8/22/96      |
| SC-05809-S      | BENZO(A)PYRENE         | 54.00   |       | 9.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896008 |          | QT1480.0 | 8/25/96  | 0000024068 | 8/22/96      |
| SC-05809-S      | BENZO(B)FLUORANTHENE   | 83.00   |       | 7.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896008 |          | QT1480.0 | 8/25/96  | 0000024068 | 8/22/96      |
| SC-05809-S      | BENZO(K)FLUORANTHENE   | 19.00   |       | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896008 |          | QT1480.0 | 8/25/96  | 0000024068 | 8/22/96      |
| SC-05809-S      | CHRYSENE               | 76.00   |       | 59.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896008 |          | QT1480.0 | 8/25/96  | 0000024068 | 8/22/96      |
| SC-05809-S      | INDENO(1,2,3-CD)PYRENE | 53.00   |       | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896008 |          | QT1480.0 | 8/25/96  | 0000024068 | 8/22/96      |
| SC-05809-S      | URANIUM-238            | 17.80   | 1.97  | 3.64  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3353  |          | WP0128.0 | 8/25/96  | 0000024068 | 8/22/96      |
| SC-05810-S      | ARSENIC                | 8.00    |       | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11896010 |          | QT1480.0 | 8/23/96  | 0000024069 | 8/22/96      |
| SC-05810-S      | URANIUM-238            | ND      |       | 4.01  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3355  |          | WP0128.0 | 8/25/96  | 0000024069 | 8/22/96      |
| SC-05811-S      | BENZO(A)ANTHRACENE     | 230.00  |       | 4.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896007 |          | QT1480.0 | 8/25/96  | 0000024070 | 8/22/96      |
| SC-05811-S      | BENZO(A)PYRENE         | 34.00   |       | 8.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896007 |          | QT1480.0 | 8/25/96  | 0000024070 | 8/22/96      |
| SC-05811-S      | BENZO(B)FLUORANTHENE   | 52.00   |       | 6.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896007 |          | QT1480.0 | 8/25/96  | 0000024070 | 8/22/96      |
| SC-05811-S      | BENZO(K)FLUORANTHENE   | 13.00   |       | 6.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896007 |          | QT1480.0 | 8/25/96  | 0000024070 | 8/22/96      |
| SC-05811-S      | CHRYSENE               | ND      |       | 54.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896007 | U        | QT1480.0 | 8/25/96  | 0000024070 | 8/22/96      |
| SC-05811-S      | INDENO(1,2,3-CD)PYRENE | 39.00   |       | 15.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11896007 |          | QT1480.0 | 8/25/96  | 0000024070 | 8/22/96      |
| SC-05811-S      | URANIUM-238            | 83.70   | 7.37  | 4.18  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3356  |          | WP0128.0 | 8/25/96  | 0000024070 | 8/22/96      |
| SC-05812-S      | URANIUM-238            | 13.80   | 1.89  | 3.13  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3357  |          | WP0128.0 | 8/25/96  | 0000024071 | 8/22/96      |
| SC-05813-C      | ARSENIC                | 7.80    |       | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11896011 |          | QT1480.0 | 8/23/96  | 0000024072 | 8/22/96      |
| SC-05813-S      | ARSENIC                | 11.00   |       | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11896012 |          | QT1480.0 | 8/23/96  | 0000024073 | 8/22/96      |
| SC-05813-S      | URANIUM-238            | ND      |       | 2.88  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3358  |          | WP0128.0 | 8/25/96  | 0000024073 | 8/22/96      |
| SC-05814-S      | ARSENIC                | 7.30    |       | 0.43  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11896013 |          | QT1480.0 | 8/23/96  | 0000024074 | 8/22/96      |
| SC-05814-S      | URANIUM-238            | 48.80   | 4.91  | 6.11  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3359  |          | WP0128.0 | 8/25/96  | 0000024074 | 8/22/96      |
| SC-05814-S-H801 | RADIUM-226             | 2.22    | 0.25  | 1.09  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3459  |          | WP0133.0 | 10/1/96  | 0000026682 | 8/28/96      |
| SC-05814-S-H801 | RADIUM-226             | 1.57    | 0.25  | 1.12  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3460  |          | WP0133.0 | 10/1/96  | 0000026682 | 8/28/96      |
| SC-05814-S-H801 | URANIUM-238            | 1050.00 | 71.80 | 18.40 | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3459  |          | WP0133.0 | 10/1/96  | 0000026682 | 8/28/96      |
| SC-05814-S-R801 | THORIUM-230            | 1.88    | 0.19  | 0.72  | PCIG  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3618  |          | WP0139.0 | 9/1/96   | 0000026685 | 9/7/96       |
| SC-05814-S-R801 | URANIUM-238            | 10.10   | 1.82  | 4.08  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3618  |          | WP0139.0 | 9/9/96   | 0000026685 | 9/7/96       |
| SC-05815-S      | URANIUM-238            | 36.70   | 3.71  | 4.30  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3360  |          | WP0128.0 | 8/25/96  | 0000024075 | 8/22/96      |
| SC-05816-S      | URANIUM-238            | 41.80   | 4.35  | 6.31  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3361  |          | WP0128.0 | 8/25/96  | 0000024076 | 8/22/96      |
| SC-05817-S      | URANIUM-238            | 3.88    | 0.79  | 2.37  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3362  |          | WP0128.0 | 8/25/96  | 0000024077 | 8/22/96      |
| SC-05818-S      | URANIUM-238            | 4.04    | 1.44  | 4.27  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3363  |          | WP0128.0 | 8/25/96  | 0000024078 | 8/22/96      |
| SC-05818-S      | URANIUM-238            | 33.40   | 3.35  | 3.83  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3364  |          | WP0128.0 | 8/25/96  | 0000024079 | 8/22/96      |
| SC-05820-S      | URANIUM-238            | ND      |       | 4.29  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3365  |          | WP0128.0 | 8/25/96  | 0000024084 | 8/22/96      |
| SC-05901-S      | BENZO(A)ANTHRACENE     | ND      |       | 6.20  | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11914018 | U        | QT1483.0 | 8/28/96  | 0000024085 | 8/23/96      |
| SC-05901-S      | BENZO(A)PYRENE         | 1.94    |       | 9.30  | UG/KG | UNJ | *T   |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11914018 | U        | QT1483.0 | 8/28/96  | 0000024085 | 8/23/96      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC  | ERR  | DL    | UNITS | VAL  | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL  | FACT | LAB ID   | LAB QUAL | LAB REQU | DATE    | SAMPLINK   | DATE    |
|------------|------------------------|-------|------|-------|-------|------|------|----------|-----------|--------|----------------|------|------|----------|----------|----------|---------|------------|---------|
| SC-05001-S | BENZO(B)FLUORANTHENE   | ND    |      | 7.30  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914018 | U        | QT1463.0 | 8/28/96 | 0000024085 | 8/23/96 |
| SC-05001-S | BENZO(K)FLUORANTHENE   | ND    |      | 6.90  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914018 | U        | QT1463.0 | 8/28/96 | 0000024085 | 8/23/96 |
| SC-05001-S | CHRYSENE               | ND    |      | 60.00 | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914018 | U        | QT1463.0 | 8/28/96 | 0000024085 | 8/23/96 |
| SC-05001-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 17.00 | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914018 | U        | QT1463.0 | 8/28/96 | 0000024085 | 8/23/96 |
| SC-05001-S | URANIUM-238            | ND    |      | 4.05  | PC/KG | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 |      | WSC3390  |          | WP0130.0 | 8/27/96 | 0000024085 | 8/23/96 |
| SC-05002-S | AROCLOR-1248           | ND    |      | 41.00 | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 |      | 11914001 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05002-S | AROCLOR-1254           | ND    |      | 41.00 | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 |      | 11914001 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05002-S | AROCLOR-1260           | ND    |      | 41.00 | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 |      | 11914001 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05002-S | ARSENIC                | ND    |      | 3.50  | UG/G  | 3.5U | 1*   |          | EPA CLP   | SOIL   | METALS         | 1.00 |      | 11914001 |          | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05002-S | BENZO(A)ANTHRACENE     | ND    |      | 6.40  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914001 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05002-S | BENZO(A)PYRENE         | ND    |      | 9.80  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914001 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05002-S | BENZO(B)FLUORANTHENE   | ND    |      | 7.50  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914001 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05002-S | BENZO(K)FLUORANTHENE   | ND    |      | 7.10  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914001 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05002-S | CHROMIUM               | 18.10 |      | 0.58  | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00 |      | 11914001 |          | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05002-S | CHRYSENE               | ND    |      | 82.00 | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914001 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05002-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 18.00 | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914001 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05002-S | LEAD                   | 13.80 |      | 0.35  | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00 |      | 11914001 |          | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05002-S | RADIUM-226             | 0.94  | 0.09 | 0.28  | PC/KG | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 |      | WSC3391  |          | WP0130.0 | 9/30/96 | 0000024086 | 8/23/96 |
| SC-05002-S | RADIUM-228             | 1.04  | 0.13 | 0.36  | PC/KG | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 |      | WSC3391  |          | WP0130.0 | 9/30/96 | 0000024086 | 8/23/96 |
| SC-05002-S | THALLIUM               | ND    |      | 0.80  | UG/G  | U    |      |          | EPA CLP   | SOIL   | METALS         | 1.00 |      | 11914001 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05002-S | THORIUM-230            | 2.48  | 0.11 | 2.27  | PC/KG | *    |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 |      | WSC3391  |          | WP0130.0 | 8/28/96 | 0000024086 | 8/23/96 |
| SC-05002-S | URANIUM-238            | ND    |      | 3.16  | PC/KG | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 |      | WSC3391  |          | WP0130.0 | 9/30/96 | 0000024086 | 8/23/96 |
| SC-05003-C | AROCLOR-1248           | ND    |      | 39.00 | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 |      | 11914005 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05003-C | AROCLOR-1254           | ND    |      | 39.00 | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 |      | 11914005 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05003-C | AROCLOR-1260           | ND    |      | 39.00 | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 |      | 11914005 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05003-C | BENZO(A)ANTHRACENE     | ND    |      | 5.00  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914005 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05003-C | BENZO(A)PYRENE         | ND    |      | 8.90  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914005 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05003-C | BENZO(B)FLUORANTHENE   | ND    |      | 7.00  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914005 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05003-C | BENZO(K)FLUORANTHENE   | ND    |      | 6.60  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914005 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05003-C | CHROMIUM               | 20.30 |      | 0.54  | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00 |      | 11914005 |          | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05003-C | CHRYSENE               | ND    |      | 58.00 | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914005 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05003-C | INDENO(1,2,3-CD)PYRENE | ND    |      | 17.00 | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914005 | U        | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05003-C | LEAD                   | 11.00 |      | 0.33  | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00 |      | 11914005 |          | QT1463.0 | 8/27/96 | 0000024086 | 8/23/96 |
| SC-05003-C | THORIUM-230            | 2.52  | 0.10 | 2.27  | PC/KG | *    |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 |      | WSC3393  |          | WP0130.0 | 8/28/96 | 0000024086 | 8/23/96 |
| SC-05003-S | AROCLOR-1248           | ND    |      | 39.00 | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 |      | 11914008 | U        | QT1463.0 | 8/27/96 | 0000024087 | 8/23/96 |
| SC-05003-S | AROCLOR-1254           | ND    |      | 39.00 | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 |      | 11914008 | U        | QT1463.0 | 8/27/96 | 0000024087 | 8/23/96 |
| SC-05003-S | AROCLOR-1260           | ND    |      | 39.00 | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 |      | 11914008 | U        | QT1463.0 | 8/27/96 | 0000024087 | 8/23/96 |
| SC-05003-S | BENZO(A)ANTHRACENE     | 11.00 |      | 8.10  | UG/KG | A    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914008 |          | QT1463.0 | 8/27/96 | 0000024087 | 8/23/96 |
| SC-05003-S | BENZO(A)PYRENE         | ND    |      | 9.00  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914008 | U        | QT1463.0 | 8/27/96 | 0000024087 | 8/23/96 |
| SC-05003-S | BENZO(B)FLUORANTHENE   | ND    |      | 7.40  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914008 | U        | QT1463.0 | 8/27/96 | 0000024087 | 8/23/96 |
| SC-05003-S | BENZO(K)FLUORANTHENE   | ND    |      | 6.70  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914008 | U        | QT1463.0 | 8/27/96 | 0000024087 | 8/23/96 |
| SC-05003-S | CHROMIUM               | 17.80 |      | 0.55  | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00 |      | 11914008 |          | QT1463.0 | 8/27/96 | 0000024087 | 8/23/96 |
| SC-05003-S | CHRYSENE               | ND    |      | 58.00 | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914008 | U        | QT1463.0 | 8/27/96 | 0000024087 | 8/23/96 |
| SC-05003-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 17.00 | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 |      | 11914008 | U        | QT1463.0 | 8/27/96 | 0000024087 | 8/23/96 |
| SC-05003-S | LEAD                   | 12.98 |      | 0.33  | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00 |      | 11914008 |          | QT1463.0 | 8/27/96 | 0000024087 | 8/23/96 |
| SC-05003-S | THORIUM-230            | 2.79  | 0.14 | 2.27  | PC/KG | *    |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 |      | WSC3394  |          | WP0130.0 | 8/28/96 | 0000024087 | 8/23/96 |
| SC-05003-S | URANIUM-238            | ND    |      | 3.92  | PC/KG | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 |      | WSC3394  |          | WP0130.0 | 8/27/96 | 0000024087 | 8/23/96 |
| SC-05004-C | AROCLOR-1248           | ND    |      | 39.00 | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 |      | 11914007 | U        | QT1463.0 | 8/27/96 | 0000024090 | 8/23/96 |

APPENDIX D TABLE D-1

| WBSRAP ID       | PARAMETER              | CONC     | ERR  | DL      | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL    | LAB      | LAB | LAB      | DATE    | SAMPLING   | DATE    |
|-----------------|------------------------|----------|------|---------|-------|-----|------|----------|-----------|--------|----------------|--------|----------|-----|----------|---------|------------|---------|
| SC-05804-C      | AROCLOR-1254           | ND       |      | 39.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 11914007 | U   | QT1483.0 | 8/27/96 | 0000024090 | 8/23/96 |
| SC-05804-C      | AROCLOR-1260           | ND       |      | 39.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 11914007 | U   | QT1483.0 | 8/27/96 | 0000024090 | 8/23/96 |
| SC-05804-C      | BENZO(A)ANTHRACENE     | ND       |      | 5.10    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914007 | U   | QT1483.0 | 8/27/96 | 0000024090 | 8/23/96 |
| SC-05804-C      | BENZO(A)PYRENE         | ND       |      | 9.00    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914007 | U   | QT1483.0 | 8/27/96 | 0000024090 | 8/23/96 |
| SC-05804-C      | BENZO(B)FLUORANTHENE   | ND       |      | 7.10    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914007 | U   | QT1483.0 | 8/27/96 | 0000024090 | 8/23/96 |
| SC-05804-C      | BENZO(K)FLUORANTHENE   | ND       |      | 6.70    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914007 | U   | QT1483.0 | 8/27/96 | 0000024090 | 8/23/96 |
| SC-05804-C      | CHROMIUM               | 18.40    |      | 0.55    | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00   | 11914007 |     | QT1483.0 | 8/27/96 | 0000024090 | 8/23/96 |
| SC-05804-C      | CHRYSENE               | ND       |      | 59.00   | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914007 | U   | QT1483.0 | 8/27/96 | 0000024090 | 8/23/96 |
| SC-05804-C      | INDENO(1,2,3-CD)PYRENE | ND       |      | 17.00   | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914007 | U   | QT1483.0 | 8/27/96 | 0000024090 | 8/23/96 |
| SC-05804-C      | LEAD                   | 10.40    |      | 0.33    | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00   | 11914007 |     | QT1483.0 | 8/27/96 | 0000024090 | 8/23/96 |
| SC-05804-C      | THORIUM-230            | 2.48     | 0.10 | 2.27    | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00   | WSC3395  |     | WP0130.0 | 8/28/96 | 0000024090 | 8/23/96 |
| SC-05804-S      | AROCLOR-1248           | ND       |      | 40.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 11914008 | U   | QT1483.0 | 8/27/96 | 0000024089 | 8/23/96 |
| SC-05804-S      | AROCLOR-1254           | ND       |      | 40.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 11914008 | U   | QT1483.0 | 8/27/96 | 0000024089 | 8/23/96 |
| SC-05804-S      | AROCLOR-1260           | ND       |      | 40.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 11914008 | U   | QT1483.0 | 8/27/96 | 0000024089 | 8/23/96 |
| SC-05804-S      | BENZO(A)ANTHRACENE     | ND       |      | 5.20    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914008 | U   | QT1483.0 | 8/27/96 | 0000024089 | 8/23/96 |
| SC-05804-S      | BENZO(A)PYRENE         | ND       |      | 9.20    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914008 | U   | QT1483.0 | 8/27/96 | 0000024089 | 8/23/96 |
| SC-05804-S      | BENZO(B)FLUORANTHENE   | 1.93     |      | 7.20    | UG/KG | U   | T    |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914008 | U   | QT1483.0 | 8/27/96 | 0000024089 | 8/23/96 |
| SC-05804-S      | BENZO(K)FLUORANTHENE   | ND       |      | 6.80    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914008 | U   | QT1483.0 | 8/27/96 | 0000024089 | 8/23/96 |
| SC-05804-S      | CHROMIUM               | 16.50    |      | 0.56    | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00   | 11914008 |     | QT1483.0 | 8/27/96 | 0000024089 | 8/23/96 |
| SC-05804-S      | CHRYSENE               | ND       |      | 60.00   | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914008 | U   | QT1483.0 | 8/27/96 | 0000024089 | 8/23/96 |
| SC-05804-S      | INDENO(1,2,3-CD)PYRENE | ND       |      | 17.00   | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914008 | U   | QT1483.0 | 8/27/96 | 0000024089 | 8/23/96 |
| SC-05804-S      | LEAD                   | 8.50     |      | 0.34    | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00   | 11914008 |     | QT1483.0 | 8/27/96 | 0000024089 | 8/23/96 |
| SC-05804-S      | THORIUM-230            | 2.62     | 0.12 | 2.27    | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00   | WSC3396  |     | WP0130.0 | 8/28/96 | 0000024089 | 8/23/96 |
| SC-05804-S      | URANIUM-238            | ND       |      | 2.98    | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC3396  |     | WP0130.0 | 8/27/96 | 0000024089 | 8/23/96 |
| SC-05805-S      | BENZO(A)ANTHRACENE     | 2.67     |      | 5.20    | UG/KG | U   | T    |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914019 | U   | QT1483.0 | 8/28/96 | 0000024091 | 8/23/96 |
| SC-05805-S      | BENZO(A)PYRENE         | 6.62     |      | 9.30    | UG/KG | U   | T    |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914019 | U   | QT1483.0 | 8/28/96 | 0000024091 | 8/23/96 |
| SC-05805-S      | BENZO(B)FLUORANTHENE   | 7.70     |      | 7.20    | UG/KG | A   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914019 |     | QT1483.0 | 8/28/96 | 0000024091 | 8/23/96 |
| SC-05805-S      | BENZO(K)FLUORANTHENE   | ND       |      | 6.90    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914019 | U   | QT1483.0 | 8/28/96 | 0000024091 | 8/23/96 |
| SC-05805-S      | CHRYSENE               | ND       |      | 60.00   | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914019 | U   | QT1483.0 | 8/28/96 | 0000024091 | 8/23/96 |
| SC-05805-S      | INDENO(1,2,3-CD)PYRENE | ND       |      | 17.00   | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914019 | U   | QT1483.0 | 8/28/96 | 0000024091 | 8/23/96 |
| SC-05805-S      | URANIUM-238            | 5.17     | 1.42 | 3.88    | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC3397  |     | WP0130.0 | 8/27/96 | 0000024091 | 8/23/96 |
| SC-05806-C      | AROCLOR-1248           | 73000.00 |      | 3600.00 | UG/KG | J   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 100.00 | 11914009 |     | QT1483.0 | 8/28/96 | 0000024092 | 8/23/96 |
| SC-05806-C      | AROCLOR-1254           | ND       |      | 39.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 11914009 | U   | QT1483.0 | 8/27/96 | 0000024092 | 8/23/96 |
| SC-05806-C      | AROCLOR-1260           | ND       |      | 39.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 11914009 | U   | QT1483.0 | 8/27/96 | 0000024092 | 8/23/96 |
| SC-05806-C      | BENZO(A)ANTHRACENE     | 48.00    |      | 4.70    | UG/KG | A   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914009 |     | QT1483.0 | 8/27/96 | 0000024092 | 8/23/96 |
| SC-05806-C      | BENZO(A)PYRENE         | ND       |      | 6.30    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914009 | U   | QT1483.0 | 8/27/96 | 0000024092 | 8/23/96 |
| SC-05806-C      | BENZO(B)FLUORANTHENE   | 1.57     |      | 6.50    | UG/KG | U   | T    |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914009 | U   | QT1483.0 | 8/27/96 | 0000024092 | 8/23/96 |
| SC-05806-C      | BENZO(K)FLUORANTHENE   | ND       |      | 6.10    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914009 | U   | QT1483.0 | 8/27/96 | 0000024092 | 8/23/96 |
| SC-05806-C      | CHROMIUM               | 18.30    |      | 0.50    | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00   | 11914009 |     | QT1483.0 | 8/27/96 | 0000024092 | 8/23/96 |
| SC-05806-C      | CHRYSENE               | 24.90    |      | 54.00   | UG/KG | U   | T    |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914009 | U   | QT1483.0 | 8/27/96 | 0000024092 | 8/23/96 |
| SC-05806-C      | INDENO(1,2,3-CD)PYRENE | ND       |      | 18.00   | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914009 | U   | QT1483.0 | 8/27/96 | 0000024092 | 8/23/96 |
| SC-05806-C      | LEAD                   | 32.60    |      | 0.30    | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00   | 11914009 |     | QT1483.0 | 8/27/96 | 0000024092 | 8/23/96 |
| SC-05806-C      | THORIUM-230            | 2.53     | 0.12 | 2.27    | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00   | WSC3398  |     | WP0130.0 | 8/28/96 | 0000024092 | 8/23/96 |
| SC-05806-C-HS01 | AROCLOR-1248           | 3100.00  |      | 78.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 5.00   | L7859-1  |     | LK0483.0 | 9/8/96  | 0000029898 | 9/4/96  |
| SC-05806-C-HS01 | AROCLOR-1254           | ND       |      | 78.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 5.00   | L7859-1  |     | LK0483.0 | 9/8/96  | 0000029898 | 9/4/96  |
| SC-05806-C-HS01 | AROCLOR-1260           | ND       |      | 78.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 5.00   | L7859-1  |     | LK0483.0 | 9/8/96  | 0000029898 | 9/4/96  |
| SC-05806-C-HS02 | AROCLOR-1248           | 2800.00  |      | 32.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 2.00   | L7859-2  |     | LK0483.0 | 9/7/96  | 0000029900 | 9/4/96  |
| SC-05806-C-HS02 | AROCLOR-1254           | ND       |      | 32.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 2.00   | L7859-2  |     | LK0483.0 | 9/7/96  | 0000029900 | 9/4/96  |

APPENDIX D TABLE D-1

| WBSRAP ID       | PARAMETER              | CONC      | ERR  | DL      | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL    | LAB      | LAB  | LAB      | DATE    | SAMPLINK   | DATE    |
|-----------------|------------------------|-----------|------|---------|-------|-----|------|----------|-----------|--------|----------------|--------|----------|------|----------|---------|------------|---------|
|                 |                        |           |      |         |       |     |      |          |           |        |                | FACT   | ID       | QUAL | REQU     | ANA     |            | SAMPLED |
| SC-05906-C-HS02 | AROCLOR-1260           | ND        |      | 32.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 2.00   | L7859-2  |      | LK0463.0 | 9/7/96  | 0000029900 | 9/4/96  |
| SC-05906-C-HS03 | AROCLOR-1248           | 190000.00 |      | 2800.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 200.00 | L7859-3  |      | LK0463.0 | 9/9/96  | 0000029901 | 9/4/96  |
| SC-05906-C-HS03 | AROCLOR-1254           | ND        |      | 2800.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 200.00 | L7859-3  |      | LK0463.0 | 9/9/96  | 0000029901 | 9/4/96  |
| SC-05906-C-HS03 | AROCLOR-1260           | ND        |      | 2800.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 200.00 | L7859-3  |      | LK0463.0 | 9/9/96  | 0000029901 | 9/4/96  |
| SC-05906-C-HS04 | AROCLOR-1248           | ND        |      | 15.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | L7859-4  |      | LK0463.0 | 9/9/96  | 0000029902 | 9/4/96  |
| SC-05906-C-HS04 | AROCLOR-1254           | ND        |      | 15.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | L7859-4  |      | LK0463.0 | 9/9/96  | 0000029902 | 9/4/96  |
| SC-05906-C-HS04 | AROCLOR-1260           | ND        |      | 15.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | L7859-4  |      | LK0463.0 | 9/9/96  | 0000029902 | 9/4/96  |
| SC-05906-C-RS01 | AROCLOR-1248           | ND        |      | 40.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12078001 | U    | QT1480.0 | 9/12/96 | 0000030009 | 9/10/96 |
| SC-05906-C-RS01 | AROCLOR-1254           | ND        |      | 40.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12078001 | U    | QT1480.0 | 9/12/96 | 0000030009 | 9/10/96 |
| SC-05906-C-RS01 | AROCLOR-1260           | ND        |      | 40.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12078001 | U    | QT1480.0 | 9/12/96 | 0000030009 | 9/10/96 |
| SC-05906-C-RS02 | AROCLOR-1248           | ND        |      | 40.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12078002 | U    | QT1480.0 | 9/12/96 | 0000030010 | 9/10/96 |
| SC-05906-C-RS02 | AROCLOR-1254           | ND        |      | 40.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12078002 | U    | QT1480.0 | 9/12/96 | 0000030010 | 9/10/96 |
| SC-05906-C-RS02 | AROCLOR-1260           | ND        |      | 40.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12078002 | U    | QT1480.0 | 9/12/96 | 0000030010 | 9/10/96 |
| SC-05906-C-RS03 | AROCLOR-1248           | ND        |      | 39.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12078003 | U    | QT1480.0 | 9/12/96 | 0000030011 | 9/10/96 |
| SC-05906-C-RS03 | AROCLOR-1254           | ND        |      | 39.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12078003 | U    | QT1480.0 | 9/12/96 | 0000030011 | 9/10/96 |
| SC-05906-C-RS03 | AROCLOR-1260           | ND        |      | 39.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12078003 | U    | QT1480.0 | 9/12/96 | 0000030011 | 9/10/96 |
| SC-05906-C-RS04 | AROCLOR-1248           | ND        |      | 39.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12078004 | U    | QT1480.0 | 9/12/96 | 0000030012 | 9/10/96 |
| SC-05906-C-RS04 | AROCLOR-1254           | ND        |      | 39.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12078004 | U    | QT1480.0 | 9/12/96 | 0000030012 | 9/10/96 |
| SC-05906-C-RS04 | AROCLOR-1260           | ND        |      | 39.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12078004 | U    | QT1480.0 | 9/12/96 | 0000030012 | 9/10/96 |
| SC-05906-C-RS05 | AROCLOR-1248           | ND        |      | 39.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12078005 | U    | QT1480.0 | 9/12/96 | 0000030013 | 9/10/96 |
| SC-05906-C-RS05 | AROCLOR-1254           | ND        |      | 39.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12078005 | U    | QT1480.0 | 9/12/96 | 0000030013 | 9/10/96 |
| SC-05906-C-RS05 | AROCLOR-1260           | ND        |      | 39.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12078005 | U    | QT1480.0 | 9/12/96 | 0000030013 | 9/10/96 |
| SC-05906-S      | AROCLOR-1248           | ND        |      | 42.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 11914003 | U    | QT1463.0 | 8/27/96 | 0000024093 | 8/23/96 |
| SC-05906-S      | AROCLOR-1254           | ND        |      | 42.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 11914003 | U    | QT1463.0 | 8/27/96 | 0000024093 | 8/23/96 |
| SC-05906-S      | AROCLOR-1260           | ND        |      | 42.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 11914003 | U    | QT1463.0 | 8/27/96 | 0000024093 | 8/23/96 |
| SC-05906-S      | ARSENIC                | 5.60      |      | 0.51    | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00   | 11914003 | U    | QT1463.0 | 8/27/96 | 0000024093 | 8/23/96 |
| SC-05906-S      | BENZO(A)ANTHRACENE     | ND        |      | 5.40    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914003 | U    | QT1463.0 | 8/27/96 | 0000024093 | 8/23/96 |
| SC-05906-S      | BENZO(A)PYRENE         | ND        |      | 9.60    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914003 | U    | QT1463.0 | 8/27/96 | 0000024093 | 8/23/96 |
| SC-05906-S      | BENZO(B)FLUORANTHENE   | ND        |      | 7.50    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914003 | U    | QT1463.0 | 8/27/96 | 0000024093 | 8/23/96 |
| SC-05906-S      | BENZO(K)FLUORANTHENE   | ND        |      | 7.10    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914003 | U    | QT1463.0 | 8/27/96 | 0000024093 | 8/23/96 |
| SC-05906-S      | CHROMIUM               | 16.10     |      | 0.58    | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00   | 11914003 | U    | QT1463.0 | 8/27/96 | 0000024093 | 8/23/96 |
| SC-05906-S      | CHRYSENE               | -10.90    |      | 63.00   | UG/KG | U   | T    |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914003 | U    | QT1463.0 | 8/27/96 | 0000024093 | 8/23/96 |
| SC-05906-S      | INDENO(1,2,3-CD)PYRENE | ND        |      | 18.00   | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914003 | U    | QT1463.0 | 8/27/96 | 0000024093 | 8/23/96 |
| SC-05906-S      | LEAD                   | 12.60     |      | 0.35    | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00   | 11914003 | U    | QT1463.0 | 8/27/96 | 0000024093 | 8/23/96 |
| SC-05906-S      | RADIUM-226             | 1.27      | 0.12 | 0.38    | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC3399  |      | WP0130.0 | 9/30/96 | 0000024093 | 8/23/96 |
| SC-05906-S      | RADIUM-228             | ND        |      | 1.27    | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC3399  |      | WP0130.0 | 9/30/96 | 0000024093 | 8/23/96 |
| SC-05906-S      | THALLIUM               | 1.00      |      | 0.81    | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00   | 11914003 | U    | QT1463.0 | 8/27/96 | 0000024093 | 8/23/96 |
| SC-05906-S      | THORIUM-230            | 2.40      | 0.09 | 2.27    | PCI/G | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00   | WSC3399  |      | WP0130.0 | 9/30/96 | 0000024093 | 8/23/96 |
| SC-05906-S      | URANIUM-235            | -2.39     | 0.95 | 2.64    | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC3399  |      | WP0130.0 | 9/30/96 | 0000024093 | 8/23/96 |
| SC-05907-S      | AROCLOR-1248           | 120000.00 |      | 3900.00 | UG/KG | J   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 100.00 | 11914010 |      | QT1463.0 | 8/28/96 | 0000024094 | 8/23/96 |
| SC-05907-S      | AROCLOR-1254           | ND        |      | 39.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 11914010 | U    | QT1463.0 | 8/27/96 | 0000024094 | 8/23/96 |
| SC-05907-S      | AROCLOR-1260           | ND        |      | 39.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 11914010 | U    | QT1463.0 | 8/27/96 | 0000024094 | 8/23/96 |
| SC-05907-S      | BENZO(A)ANTHRACENE     | 12.00     |      | 5.00    | UG/KG | A   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914010 | U    | QT1463.0 | 8/27/96 | 0000024094 | 8/23/96 |
| SC-05907-S      | BENZO(A)PYRENE         | -3.78     |      | 8.90    | UG/KG | U   | T    |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914010 | U    | QT1463.0 | 8/27/96 | 0000024094 | 8/23/96 |
| SC-05907-S      | BENZO(B)FLUORANTHENE   | ND        |      | 7.00    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914010 | U    | QT1463.0 | 8/27/96 | 0000024094 | 8/23/96 |
| SC-05907-S      | BENZO(K)FLUORANTHENE   | ND        |      | 6.60    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914010 | U    | QT1463.0 | 8/27/96 | 0000024094 | 8/23/96 |
| SC-05907-S      | CHROMIUM               | 20.80     |      | 0.54    | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00   | 11914010 | U    | QT1463.0 | 8/27/96 | 0000024094 | 8/23/96 |
| SC-05907-S      | CHRYSENE               | -7.03     |      | 58.00   | UG/KG | U   | T    |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 11914010 | U    | QT1463.0 | 8/27/96 | 0000024094 | 8/23/96 |

APPENDIX D TABLE D-1

| WSSRAP ID       | PARAMETER              | CONC     | ERR  | DL      | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL   | LAB      | LAB  | LAB      | DATE    | SAMPLING   | DATE    |
|-----------------|------------------------|----------|------|---------|-------|-----|------|----------|-----------|--------|----------------|-------|----------|------|----------|---------|------------|---------|
|                 |                        |          |      |         |       |     |      |          |           |        |                | FACT  | ID       | QUAL | REQU     | ANA     | LINK       | SAMPLED |
| SC-05907-S      | INDENO(1,2,3-CD)PYRENE | ND       |      | 18.00   | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814010 | U    | QT1483.0 | 8/27/98 | 0000024094 | 8/23/98 |
| SC-05907-S      | LEAD                   | 10.20    |      | 8.33    | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 11814010 |      | QT1483.0 | 8/27/98 | 0000024094 | 8/23/98 |
| SC-05907-S      | THORIUM-230            | 2.38     | 0.09 | 2.27    | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3400  |      | WP0130.0 | 8/28/98 | 0000024094 | 8/23/98 |
| SC-05907-S      | URANIUM-238            | ND       |      | 4.23    | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3400  |      | WP0130.0 | 8/27/98 | 0000024094 | 8/23/98 |
| SC-05907-S-HS01 | AROCLOR-1248           | 24000.00 |      | 290.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 20.00 | L7859-5  |      | LK0483.0 | 8/8/98  | 0000029894 | 9/4/98  |
| SC-05907-S-HS01 | AROCLOR-1254           | ND       |      | 290.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 20.00 | L7859-5  |      | LK0483.0 | 8/8/98  | 0000029894 | 9/4/98  |
| SC-05907-S-HS01 | AROCLOR-1260           | ND       |      | 290.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 20.00 | L7859-5  |      | LK0483.0 | 8/8/98  | 0000029894 | 9/4/98  |
| SC-05907-S-HS02 | AROCLOR-1248           | ND       |      | 14.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | L7859-6  |      | LK0483.0 | 8/8/98  | 0000029895 | 9/4/98  |
| SC-05907-S-HS02 | AROCLOR-1254           | ND       |      | 14.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | L7859-6  |      | LK0483.0 | 8/8/98  | 0000029895 | 9/4/98  |
| SC-05907-S-HS02 | AROCLOR-1260           | 100.00   |      | 14.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | L7859-6  |      | LK0483.0 | 8/8/98  | 0000029895 | 9/4/98  |
| SC-05907-S-HS03 | AROCLOR-1248           | ND       |      | 16.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | L7859-7  |      | LK0483.0 | 8/8/98  | 0000029896 | 9/4/98  |
| SC-05907-S-HS03 | AROCLOR-1254           | ND       |      | 16.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | L7859-7  |      | LK0483.0 | 8/8/98  | 0000029896 | 9/4/98  |
| SC-05907-S-HS03 | AROCLOR-1260           | -12.00   |      | 16.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | L7859-7  | J    | LK0483.0 | 8/8/98  | 0000029896 | 9/4/98  |
| SC-05907-S-HS04 | AROCLOR-1248           | 3000.00  |      | 42.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 3.00  | L7859-8  |      | LK0483.0 | 8/7/98  | 0000029897 | 9/4/98  |
| SC-05907-S-HS04 | AROCLOR-1254           | ND       |      | 42.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 3.00  | L7859-8  |      | LK0483.0 | 8/7/98  | 0000029897 | 9/4/98  |
| SC-05907-S-HS04 | AROCLOR-1260           | ND       |      | 42.00   | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 3.00  | L7859-8  |      | LK0483.0 | 8/7/98  | 0000029897 | 9/4/98  |
| SC-05908-C      | AROCLOR-1248           | ND       |      | 40.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 11814011 | U    | QT1483.0 | 8/27/98 | 0000024096 | 8/23/98 |
| SC-05908-C      | AROCLOR-1254           | ND       |      | 40.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 11814011 | U    | QT1483.0 | 8/27/98 | 0000024096 | 8/23/98 |
| SC-05908-C      | AROCLOR-1260           | ND       |      | 40.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 11814011 | U    | QT1483.0 | 8/27/98 | 0000024096 | 8/23/98 |
| SC-05908-C      | BENZO(A)ANTHRACENE     | ND       |      | 5.20    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814011 | U    | QT1483.0 | 8/27/98 | 0000024096 | 8/23/98 |
| SC-05908-C      | BENZO(A)PYRENE         | -2.50    |      | 9.20    | UG/KG | U   | T    |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814011 | U    | QT1483.0 | 8/27/98 | 0000024096 | 8/23/98 |
| SC-05908-C      | BENZO(B)FLUORANTHENE   | ND       |      | 7.20    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814011 | U    | QT1483.0 | 8/27/98 | 0000024096 | 8/23/98 |
| SC-05908-C      | BENZO(K)FLUORANTHENE   | ND       |      | 6.60    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814011 | U    | QT1483.0 | 8/27/98 | 0000024096 | 8/23/98 |
| SC-05908-C      | CHROMIUM               | 14.30    |      | 0.53    | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 11814011 |      | QT1483.0 | 8/27/98 | 0000024096 | 8/23/98 |
| SC-05908-C      | CHRYSENE               | ND       |      | 60.00   | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814011 | U    | QT1483.0 | 8/27/98 | 0000024096 | 8/23/98 |
| SC-05908-C      | INDENO(1,2,3-CD)PYRENE | ND       |      | 17.00   | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814011 | U    | QT1483.0 | 8/27/98 | 0000024096 | 8/23/98 |
| SC-05908-C      | LEAD                   | 8.90     |      | 0.34    | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 11814011 |      | QT1483.0 | 8/27/98 | 0000024096 | 8/23/98 |
| SC-05908-C      | THORIUM-230            | 2.47     | 0.11 | 2.27    | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3401  |      | WP0130.0 | 8/29/98 | 0000024096 | 8/23/98 |
| SC-05908-S      | AROCLOR-1248           | ND       |      | 38.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 11814012 | U    | QT1483.0 | 8/27/98 | 0000024095 | 8/23/98 |
| SC-05908-S      | AROCLOR-1254           | ND       |      | 38.00   | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 11814012 | U    | QT1483.0 | 8/27/98 | 0000024095 | 8/23/98 |
| SC-05908-S      | AROCLOR-1260           | 6000.00  |      | 1900.00 | UG/KG | A   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 50.00 | 11814012 |      | QT1483.0 | 8/28/98 | 0000024095 | 8/23/98 |
| SC-05908-S      | BENZO(A)ANTHRACENE     | ND       |      | 5.00    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814012 | U    | QT1483.0 | 8/27/98 | 0000024095 | 8/23/98 |
| SC-05908-S      | BENZO(A)PYRENE         | ND       |      | 5.90    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814012 | U    | QT1483.0 | 8/27/98 | 0000024095 | 8/23/98 |
| SC-05908-S      | BENZO(B)FLUORANTHENE   | ND       |      | 6.90    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814012 | U    | QT1483.0 | 8/27/98 | 0000024095 | 8/23/98 |
| SC-05908-S      | BENZO(K)FLUORANTHENE   | ND       |      | 6.60    | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814012 | U    | QT1483.0 | 8/27/98 | 0000024095 | 8/23/98 |
| SC-05908-S      | CHROMIUM               | 16.10    |      | 0.53    | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 11814012 |      | QT1483.0 | 8/27/98 | 0000024095 | 8/23/98 |
| SC-05908-S      | CHRYSENE               | ND       |      | 57.00   | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814012 | U    | QT1483.0 | 8/27/98 | 0000024095 | 8/23/98 |
| SC-05908-S      | INDENO(1,2,3-CD)PYRENE | ND       |      | 16.00   | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814012 | U    | QT1483.0 | 8/27/98 | 0000024095 | 8/23/98 |
| SC-05908-S      | LEAD                   | 8.90     |      | 0.32    | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 11814012 |      | QT1483.0 | 8/27/98 | 0000024095 | 8/23/98 |
| SC-05908-S      | THORIUM-230            | 2.37     | 0.08 | 2.27    | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3402  |      | WP0130.0 | 8/29/98 | 0000024095 | 8/23/98 |
| SC-05908-S      | URANIUM-238            | ND       |      | 3.09    | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3402  |      | WP0130.0 | 8/27/98 | 0000024095 | 8/23/98 |
| SC-05909-S      | BENZO(A)ANTHRACENE     | 230.00   |      | 4.90    | UG/KG | A   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814020 |      | QT1483.0 | 8/28/98 | 0000024097 | 8/23/98 |
| SC-05909-S      | BENZO(A)PYRENE         | 300.00   |      | 6.60    | UG/KG | A   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814020 |      | QT1483.0 | 8/28/98 | 0000024097 | 8/23/98 |
| SC-05909-S      | BENZO(B)FLUORANTHENE   | 310.00   |      | 6.70    | UG/KG | A   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814020 |      | QT1483.0 | 8/28/98 | 0000024097 | 8/23/98 |
| SC-05909-S      | BENZO(K)FLUORANTHENE   | 93.00    |      | 6.30    | UG/KG | A   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814020 |      | QT1483.0 | 8/28/98 | 0000024097 | 8/23/98 |
| SC-05909-S      | CHRYSENE               | 360.00   |      | 57.00   | UG/KG | A   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814020 |      | QT1483.0 | 8/28/98 | 0000024097 | 8/23/98 |
| SC-05909-S      | INDENO(1,2,3-CD)PYRENE | 220.00   |      | 16.00   | UG/KG | A   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11814020 |      | QT1483.0 | 8/28/98 | 0000024097 | 8/23/98 |
| SC-05909-S      | URANIUM-238            | 5.67     | 1.27 | 2.95    | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3403  |      | WP0130.0 | 8/27/98 | 0000024097 | 8/23/98 |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER              | CONC   | ERR  | DL     | UNITS | VAL  | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL   | LAB      | LAB  | LAB      | DATE    | SAMPLING   | DATE    |
|------------|------------------------|--------|------|--------|-------|------|------|----------|-----------|--------|----------------|-------|----------|------|----------|---------|------------|---------|
|            |                        |        |      |        |       |      |      |          |           |        |                | FACT  | ID       | QUAL | REQU     | ANA     | LINK       | SAMPLED |
| SC-05910-S | AROCLOR-1248           | ND     |      | 40.00  | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 11914004 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05910-S | AROCLOR-1254           | ND     |      | 40.00  | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 11914004 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05910-S | AROCLOR-1260           | ND     |      | 40.00  | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 11914004 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05910-S | ARSENIC                | ND     |      | 3.70   | UG/G  | 3.70 | *T*  |          | EPA CLP   | SOIL   | METALS         | 1.00  | 11914004 |      | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05910-S | BENZO(A)ANTHRACENE     | ND     |      | 5.10   | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914004 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05910-S | BENZO(A)PYRENE         | -1.84  |      | 8.00   | UG/KG | U    | *T*  |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914004 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05910-S | BENZO(B)FLUORANTHENE   | ND     |      | 7.00   | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914004 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05910-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.70   | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914004 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05910-S | CHROMIUM               | 11.70  |      | 0.55   | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 11914004 |      | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05910-S | CHRYSENE               | ND     |      | 59.00  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914004 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05910-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 17.00  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914004 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05910-S | LEAD                   | 8.20   |      | 0.33   | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 11914004 |      | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05910-S | RADIUM-226             | 1.69   | 0.14 | 0.35   | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3404  |      | WP0130.0 | 8/30/98 | 0000024098 | 8/23/98 |
| SC-05910-S | RADIUM-228             | 1.27   | 0.19 | 0.71   | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3404  |      | WP0130.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05910-S | THALLIUM               | ND     |      | 0.76   | UG/G  | U    |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 11914004 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05910-S | THORIUM-230            | 2.63   | 0.12 | 2.27   | PC/G  | *    |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3404  |      | WP0130.0 | 8/29/98 | 0000024098 | 8/23/98 |
| SC-05910-S | URANIUM-238            | -2.96  | 1.08 | 3.18   | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3404  |      | WP0130.0 | 8/30/98 | 0000024098 | 8/23/98 |
| SC-05911-S | AROCLOR-1248           | ND     |      | 36.00  | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 11914013 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05911-S | AROCLOR-1254           | 200.00 |      | 36.00  | UG/KG | A    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 11914013 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05911-S | AROCLOR-1260           | ND     |      | 36.00  | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 11914013 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05911-S | BENZO(A)ANTHRACENE     | ND     |      | 4.70   | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914013 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05911-S | BENZO(A)PYRENE         | ND     |      | 8.40   | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914013 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05911-S | BENZO(B)FLUORANTHENE   | -2.85  |      | 8.50   | UG/KG | U    | *T*  |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914013 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05911-S | BENZO(K)FLUORANTHENE   | ND     |      | 8.20   | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914013 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05911-S | CHROMIUM               | 15.50  |      | 0.60   | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 11914013 |      | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05911-S | CHRYSENE               | -2.12  |      | 54.00  | UG/KG | U    | *T*  |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914013 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05911-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 16.00  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914013 | U    | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05911-S | LEAD                   | 14.00  |      | 0.31   | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 11914013 |      | QT1463.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05911-S | THORIUM-230            | 2.45   | 0.09 | 2.27   | PC/G  | *    |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3405  |      | WP0130.0 | 8/29/98 | 0000024098 | 8/23/98 |
| SC-05911-S | URANIUM-238            | 7.28   | 1.36 | 3.36   | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3405  |      | WP0130.0 | 8/27/98 | 0000024098 | 8/23/98 |
| SC-05912-S | AROCLOR-1248           | ND     |      | 36.00  | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 11914014 | U    | QT1463.0 | 8/28/98 | 0000024100 | 8/23/98 |
| SC-05912-S | AROCLOR-1254           | ND     |      | 36.00  | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 11914014 | U    | QT1463.0 | 8/28/98 | 0000024100 | 8/23/98 |
| SC-05912-S | AROCLOR-1260           | ND     |      | 36.00  | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00  | 11914014 | U    | QT1463.0 | 8/28/98 | 0000024100 | 8/23/98 |
| SC-05912-S | BENZO(A)ANTHRACENE     | ND     |      | 4.70   | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914014 | U    | QT1463.0 | 8/27/98 | 0000024100 | 8/23/98 |
| SC-05912-S | BENZO(A)PYRENE         | -2.01  |      | 8.30   | UG/KG | UNJ  | *T*  |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914014 | U    | QT1463.0 | 8/27/98 | 0000024100 | 8/23/98 |
| SC-05912-S | BENZO(B)FLUORANTHENE   | ND     |      | 6.60   | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914014 | U    | QT1463.0 | 8/27/98 | 0000024100 | 8/23/98 |
| SC-05912-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.10   | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914014 | U    | QT1463.0 | 8/27/98 | 0000024100 | 8/23/98 |
| SC-05912-S | CHROMIUM               | 13.30  |      | 0.50   | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 11914014 |      | QT1463.0 | 8/27/98 | 0000024100 | 8/23/98 |
| SC-05912-S | CHRYSENE               | ND     |      | 54.00  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914014 | U    | QT1463.0 | 8/27/98 | 0000024100 | 8/23/98 |
| SC-05912-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 16.00  | UG/KG | U    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914014 | U    | QT1463.0 | 8/27/98 | 0000024100 | 8/23/98 |
| SC-05912-S | LEAD                   | 11.40  |      | 0.31   | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00  | 11914014 |      | QT1463.0 | 8/27/98 | 0000024100 | 8/23/98 |
| SC-05912-S | THORIUM-230            | 2.81   | 0.14 | 2.27   | PC/G  | *    |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3406  |      | WP0130.0 | 8/29/98 | 0000024100 | 8/23/98 |
| SC-05912-S | URANIUM-238            | 2.75   | 0.65 | 2.27   | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00  | WSC3406  |      | WP0130.0 | 8/27/98 | 0000024100 | 8/23/98 |
| SC-05913-S | BENZO(A)ANTHRACENE     | 530.00 |      | 4.90   | UG/KG | A    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914021 |      | QT1463.0 | 8/28/98 | 0000024101 | 8/23/98 |
| SC-05913-S | BENZO(A)PYRENE         | 520.00 |      | 8.60   | UG/KG | A    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914021 |      | QT1463.0 | 8/28/98 | 0000024101 | 8/23/98 |
| SC-05913-S | BENZO(B)FLUORANTHENE   | 680.00 |      | 8.70   | UG/KG | A    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914021 |      | QT1463.0 | 8/28/98 | 0000024101 | 8/23/98 |
| SC-05913-S | BENZO(K)FLUORANTHENE   | 150.00 |      | 6.30   | UG/KG | A    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00  | 11914021 |      | QT1463.0 | 8/28/98 | 0000024101 | 8/23/98 |
| SC-05913-S | CHRYSENE               | 760.00 |      | 560.00 | UG/KG | J    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 10.00 | 11914021 |      | QT1463.0 | 8/28/98 | 0000024101 | 8/23/98 |

APPENDIX D TABLE D-1

| WBSRAP ID     | PARAMETER              | CONC     | ERR  | DL      | UNITS | VAL  | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL     | LAB      | LAB | LAB      | DATE     | SAMPLE     | DATE     |
|---------------|------------------------|----------|------|---------|-------|------|------|----------|-----------|--------|----------------|---------|----------|-----|----------|----------|------------|----------|
| SC-05913-S    | INDENO(1,2,3-CD)PYRENE | 350.00   |      | 16.00   | UG/KG | A    |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11914021 |     | QT1463.0 | 8/28/96  | 0000024101 | 8/23/96  |
| SC-05913-S    | URANIUM-238            | 0.80     | 1.40 | 3.93    | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3408  |     | WP0130.0 | 8/27/96  | 0000024101 | 8/23/96  |
| SC-05914-S    | AROCOR-1248            | ND       |      | 46.00   | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11914016 | U   | QT1463.0 | 8/28/96  | 0000024102 | 8/23/96  |
| SC-05914-S    | AROCOR-1254            | ND       |      | 46.00   | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11914016 | U   | QT1463.0 | 8/28/96  | 0000024102 | 8/23/96  |
| SC-05914-S    | AROCOR-1260            | ND       |      | 46.00   | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11914016 | U   | QT1463.0 | 8/28/96  | 0000024102 | 8/23/96  |
| SC-05914-S    | ARSENIC                | ND       |      | 5.70    | UG/G  | 5.7U | T    |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11914016 |     | QT1463.0 | 8/27/96  | 0000024102 | 8/23/96  |
| SC-05914-S    | CHROMIUM               | 16.90    |      | 0.63    | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11914016 |     | QT1463.0 | 8/27/96  | 0000024102 | 8/23/96  |
| SC-05914-S    | LEAD                   | 0.00     |      | 0.39    | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11914016 |     | QT1463.0 | 8/27/96  | 0000024102 | 8/23/96  |
| SC-05914-S    | RADIUM-226             | 1.24     | 0.10 | 0.33    | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3409  |     | WP0130.0 | 9/30/96  | 0000024102 | 8/23/96  |
| SC-05914-S    | RADIUM-228             | 1.41     | 0.14 | 0.58    | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3409  |     | WP0130.0 | 9/30/96  | 0000024102 | 8/23/96  |
| SC-05914-S    | THALLIUM               | ND       |      | 0.88    | UG/G  | U    |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11914016 | U   | QT1463.0 | 8/27/96  | 0000024102 | 8/23/96  |
| SC-05914-S    | THORIUM-230            | 2.45     | 0.10 | 2.27    | PC/G  | *    |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3409  |     | WP0130.0 | 8/29/96  | 0000024102 | 8/23/96  |
| SC-05914-S    | URANIUM-238            | ND       |      | 3.18    | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3409  |     | WP0130.0 | 9/30/96  | 0000024102 | 8/23/96  |
| SC-05915-S    | URANIUM-238            | 11.80    | 1.87 | 5.03    | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3410  |     | WP0130.0 | 8/27/96  | 0000024103 | 8/23/96  |
| SC-05916-S    | URANIUM-238            | 24.20    | 3.03 | 7.76    | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3411  |     | WP0130.0 | 8/27/96  | 0000024104 | 8/23/96  |
| SC-05917-S    | URANIUM-238            | -2.35    | 1.16 | 3.63    | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3412  |     | WP0130.0 | 8/27/96  | 0000024105 | 8/23/96  |
| SC-05918-S    | AROCOR-1248            | ND       |      | 42.00   | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11914017 | U   | QT1463.0 | 8/28/96  | 0000024106 | 8/23/96  |
| SC-05918-S    | AROCOR-1254            | ND       |      | 42.00   | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11914017 | U   | QT1463.0 | 8/28/96  | 0000024106 | 8/23/96  |
| SC-05918-S    | AROCOR-1260            | ND       |      | 42.00   | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11914017 | U   | QT1463.0 | 8/28/96  | 0000024106 | 8/23/96  |
| SC-05918-S    | ARSENIC                | 7.50     |      | 0.51    | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11914017 |     | QT1463.0 | 8/27/96  | 0000024106 | 8/23/96  |
| SC-05918-S    | CHROMIUM               | 10.30    |      | 0.58    | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11914017 |     | QT1463.0 | 8/27/96  | 0000024106 | 8/23/96  |
| SC-05918-S    | LEAD                   | 15.10    |      | 0.35    | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11914017 |     | QT1463.0 | 8/27/96  | 0000024106 | 8/23/96  |
| SC-05918-S    | RADIUM-226             | 1.06     | 0.09 | 0.38    | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3413  |     | WP0130.0 | 9/30/96  | 0000024106 | 8/23/96  |
| SC-05918-S    | RADIUM-228             | 1.29     | 0.13 | 0.36    | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3413  |     | WP0130.0 | 9/30/96  | 0000024106 | 8/23/96  |
| SC-05918-S    | THALLIUM               | ND       |      | 0.81    | UG/G  | U    |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11914017 | U   | QT1463.0 | 8/27/96  | 0000024106 | 8/23/96  |
| SC-05918-S    | THORIUM-230            | 2.43     | 0.09 | 2.27    | PC/G  | *    |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3413  |     | WP0130.0 | 8/29/96  | 0000024106 | 8/23/96  |
| SC-05918-S    | URANIUM-238            | ND       |      | 3.11    | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3413  |     | WP0130.0 | 9/30/96  | 0000024106 | 8/23/96  |
| SC-05919-S    | URANIUM-238            | 3.66     | 1.03 | 2.85    | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3414  |     | WP0130.0 | 8/27/96  | 0000024107 | 8/23/96  |
| SC-05920-S    | URANIUM-238            | 25.50    | 2.86 | 3.29    | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3396  |     | WP0128.0 | 8/25/96  | 0000024108 | 8/22/96  |
| SC-06000-H801 | TOLUENE                | 18000.00 |      | 150.00  | UG/KG | *    |      |          | EPA 8020  | SOIL   | VOLATILES      | 130.00  | 12279002 |     | QT1501.0 | 9/27/96  | 0000030346 | 9/25/96  |
| SC-06000-H802 | TOLUENE                | 58000.00 |      | 1600.00 | UG/KG | *    |      |          | EPA 8020  | SOIL   | VOLATILES      | 1300.00 | 12279003 |     | QT1501.0 | 9/27/96  | 0000030347 | 9/25/96  |
| SC-06000-H803 | TOLUENE                | 27000.00 |      | 150.00  | UG/KG | *    |      |          | EPA 8020  | SOIL   | VOLATILES      | 130.00  | 12279004 |     | QT1501.0 | 9/27/96  | 0000030348 | 9/25/96  |
| SC-06000-H804 | TOLUENE                | 28000.00 |      | 150.00  | UG/KG | *    |      |          | EPA 8020  | SOIL   | VOLATILES      | 130.00  | 12279005 |     | QT1501.0 | 9/27/96  | 0000030349 | 9/25/96  |
| SC-06001-S    | AROCOR-1248            | ND       |      | 43.00   | UG/KG | *    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12320001 | U   | QT1503.0 | 10/2/96  | 0000024109 | 9/30/96  |
| SC-06001-S    | AROCOR-1254            | ND       |      | 43.00   | UG/KG | *    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12320001 | U   | QT1503.0 | 10/2/96  | 0000024109 | 9/30/96  |
| SC-06001-S    | AROCOR-1260            | ND       |      | 43.00   | UG/KG | *    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12320001 | U   | QT1503.0 | 10/2/96  | 0000024109 | 9/30/96  |
| SC-06001-S    | ARSENIC                | 8.00     |      | 0.45    | UG/G  | *    |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12320001 |     | QT1503.0 | 10/1/96  | 0000024109 | 9/30/96  |
| SC-06001-S    | CHROMIUM               | 16.40    |      | 0.39    | UG/G  | *    |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12320001 |     | QT1503.0 | 10/1/96  | 0000024109 | 9/30/96  |
| SC-06001-S    | LEAD                   | 12.20    |      | 0.21    | UG/G  | *    |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12320001 |     | QT1503.0 | 10/1/96  | 0000024109 | 9/30/96  |
| SC-06001-S    | RADIUM-226             | 1.56     | 0.11 | 0.35    | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3884  |     | WP0148.0 | 11/10/96 | 0000024109 | 9/30/96  |
| SC-06001-S    | RADIUM-228             | 1.32     | 0.14 | 0.48    | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3884  |     | WP0148.0 | 11/10/96 | 0000024109 | 9/30/96  |
| SC-06001-S    | THORIUM-230            | 1.02     | 0.11 | 0.72    | PC/G  | *    |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3884  |     | WP0148.0 | 10/2/96  | 0000024109 | 9/30/96  |
| SC-06001-S    | URANIUM-238            | ND       |      | 3.24    | PC/G  | *    |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3884  |     | WP0148.0 | 11/10/96 | 0000024109 | 9/30/96  |
| SC-06002-S    | AROCOR-1248            | ND       |      | 36.00   | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12532007 | U   | QT2019.0 | 10/21/96 | 0000024110 | 10/17/96 |
| SC-06002-S    | AROCOR-1254            | ND       |      | 36.00   | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12532007 | U   | QT2019.0 | 10/21/96 | 0000024110 | 10/17/96 |
| SC-06002-S    | AROCOR-1260            | ND       |      | 36.00   | UG/KG | U    |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12532007 | U   | QT2019.0 | 10/21/96 | 0000024110 | 10/17/96 |
| SC-06002-S    | ARSENIC                | 10.40    |      | 0.40    | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12532007 |     | QT2019.0 | 10/18/96 | 0000024110 | 10/17/96 |
| SC-06002-S    | CHROMIUM               | 18.50    |      | 0.33    | UG/G  | A    |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12532007 |     | QT2019.0 | 10/18/96 | 0000024110 | 10/17/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC  | ERR  | DL    | UNITS | VAL   | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL  | LAB      | LAB  | LAB      | DATE     | SAMPLINK   | DATE     |
|------------|------------------------|-------|------|-------|-------|-------|------|----------|-----------|--------|----------------|------|----------|------|----------|----------|------------|----------|
|            |                        |       |      |       |       |       |      |          |           |        |                | FACT | ID       | QUAL | REQU     | ANA      |            | SAMPLED  |
| SC-06002-S | LEAD                   | 15.30 |      | 0.18  | UG/G  | A     |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532007 |      | QT2019.0 | 10/19/96 | 0000024110 | 10/17/96 |
| SC-06002-S | RADIUM-226             | 1.58  | 0.10 | 0.33  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4305  |      | WP0171.0 | 11/19/96 | 0000024110 | 10/17/96 |
| SC-06002-S | RADIUM-226             | 1.17  | 0.14 | 0.50  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4305  |      | WP0171.0 | 11/19/96 | 0000024110 | 10/17/96 |
| SC-06002-S | THORIUM-230            | 0.88  | 0.09 | 0.72  | PC/G  | *     |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4305  |      | WP0171.0 | 10/22/96 | 0000024110 | 10/17/96 |
| SC-06002-S | URANIUM-238            | ND    |      | 3.52  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4305  |      | WP0171.0 | 11/19/96 | 0000024110 | 10/17/96 |
| SC-06003-S | AROCLOR-1248           | ND    |      | 42.00 | UG/KG | U     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532008 | U    | QT2019.0 | 10/21/96 | 0000024111 | 10/17/96 |
| SC-06003-S | AROCLOR-1254           | ND    |      | 42.00 | UG/KG | U     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532008 | U    | QT2019.0 | 10/21/96 | 0000024111 | 10/17/96 |
| SC-06003-S | AROCLOR-1260           | ND    |      | 42.00 | UG/KG | U     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532008 | U    | QT2019.0 | 10/21/96 | 0000024111 | 10/17/96 |
| SC-06003-S | ARSENIC                | ND    |      | 2.20  | UG/G  | 2.20U | T    |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532008 | B    | QT2019.0 | 10/19/96 | 0000024111 | 10/17/96 |
| SC-06003-S | BENZO(A)ANTHRACENE     | ND    |      | 44.00 | UG/KG | U     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12532008 | U    | QT2019.0 | 10/21/96 | 0000024111 | 10/17/96 |
| SC-06003-S | BENZO(A)PYRENE         | ND    |      | 44.00 | UG/KG | U     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12532008 | U    | QT2019.0 | 10/21/96 | 0000024111 | 10/17/96 |
| SC-06003-S | BENZO(B)FLUORANTHENE   | ND    |      | 44.00 | UG/KG | U     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12532008 | U    | QT2019.0 | 10/21/96 | 0000024111 | 10/17/96 |
| SC-06003-S | BENZO(K)FLUORANTHENE   | ND    |      | 44.00 | UG/KG | U     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12532008 | U    | QT2019.0 | 10/21/96 | 0000024111 | 10/17/96 |
| SC-06003-S | CHROMIUM               | 11.30 |      | 0.36  | UG/G  | A     |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532008 | U    | QT2019.0 | 10/19/96 | 0000024111 | 10/17/96 |
| SC-06003-S | CHRYSENE               | ND    |      | 44.00 | UG/KG | U     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12532008 | U    | QT2019.0 | 10/21/96 | 0000024111 | 10/17/96 |
| SC-06003-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 44.00 | UG/KG | U     |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12532008 | U    | QT2019.0 | 10/21/96 | 0000024111 | 10/17/96 |
| SC-06003-S | LEAD                   | 18.00 |      | 0.20  | UG/G  | A     |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532008 | U    | QT2019.0 | 10/19/96 | 0000024111 | 10/17/96 |
| SC-06003-S | RADIUM-226             | 0.88  | 0.10 | 0.31  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4306  |      | WP0171.0 | 11/19/96 | 0000024111 | 10/17/96 |
| SC-06003-S | RADIUM-226             | 1.77  | 0.22 | 0.47  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4306  |      | WP0171.0 | 11/19/96 | 0000024111 | 10/17/96 |
| SC-06003-S | THALLIUM               | ND    |      | 0.50  | UG/G  | U     |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532008 | U    | QT2019.0 | 10/19/96 | 0000024111 | 10/17/96 |
| SC-06003-S | THORIUM-230            | 0.87  | 0.10 | 0.72  | PC/G  | *     |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4306  |      | WP0171.0 | 10/22/96 | 0000024111 | 10/17/96 |
| SC-06003-S | URANIUM-238            | ND    |      | 3.91  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4306  |      | WP0171.0 | 11/19/96 | 0000024111 | 10/17/96 |
| SC-06004-S | URANIUM-238            | ND    |      | 3.12  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4317  |      | WP0172.0 | 10/20/96 | 0000024112 | 10/17/96 |
| SC-06005-S | AROCLOR-1248           | ND    |      | 40.00 | UG/KG | *     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12320003 | U    | QT1603.0 | 10/2/96  | 0000024113 | 9/30/96  |
| SC-06005-S | AROCLOR-1254           | ND    |      | 40.00 | UG/KG | *     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12320003 | U    | QT1603.0 | 10/2/96  | 0000024113 | 9/30/96  |
| SC-06005-S | AROCLOR-1260           | ND    |      | 40.00 | UG/KG | *     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12320003 | U    | QT1603.0 | 10/2/96  | 0000024113 | 9/30/96  |
| SC-06005-S | ARSENIC                | 3.80  |      | 0.44  | UG/G  | *     |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12320003 |      | QT1603.0 | 10/1/96  | 0000024113 | 9/30/96  |
| SC-06005-S | CHROMIUM               | 14.80 |      | 0.37  | UG/G  | *     |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12320003 |      | QT1603.0 | 10/1/96  | 0000024113 | 9/30/96  |
| SC-06005-S | LEAD                   | 7.10  |      | 0.19  | UG/G  | *     |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12320003 |      | QT1603.0 | 10/1/96  | 0000024113 | 9/30/96  |
| SC-06005-S | RADIUM-226             | 1.21  | 0.12 | 0.40  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3886  |      | WP0149.0 | 11/10/96 | 0000024113 | 9/30/96  |
| SC-06005-S | RADIUM-226             | 1.00  | 0.16 | 0.60  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3886  |      | WP0149.0 | 11/10/96 | 0000024113 | 9/30/96  |
| SC-06005-S | THORIUM-230            | 0.98  | 0.10 | 0.72  | PC/G  | *     |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3886  |      | WP0149.0 | 10/2/96  | 0000024113 | 9/30/96  |
| SC-06005-S | URANIUM-238            | -2.02 | 0.85 | 2.56  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3886  |      | WP0149.0 | 11/10/96 | 0000024113 | 9/30/96  |
| SC-06006-C | AROCLOR-1248           | ND    |      | 40.00 | UG/KG | U     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532008 | U    | QT2019.0 | 10/21/96 | 0000024115 | 10/17/96 |
| SC-06006-C | AROCLOR-1254           | ND    |      | 40.00 | UG/KG | U     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532008 | U    | QT2019.0 | 10/21/96 | 0000024115 | 10/17/96 |
| SC-06006-C | AROCLOR-1260           | ND    |      | 40.00 | UG/KG | U     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532008 | U    | QT2019.0 | 10/21/96 | 0000024115 | 10/17/96 |
| SC-06006-C | ARSENIC                | 4.50  |      | 0.44  | UG/G  | A     |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532008 |      | QT2019.0 | 10/19/96 | 0000024115 | 10/17/96 |
| SC-06006-C | CHROMIUM               | 16.30 |      | 0.37  | UG/G  | A     |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532008 |      | QT2019.0 | 10/19/96 | 0000024115 | 10/17/96 |
| SC-06006-C | LEAD                   | 6.20  |      | 0.19  | UG/G  | A     |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532008 |      | QT2019.0 | 10/19/96 | 0000024115 | 10/17/96 |
| SC-06006-C | RADIUM-226             | 1.42  | 0.10 | 0.30  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4307  |      | WP0171.0 | 11/19/96 | 0000024115 | 10/17/96 |
| SC-06006-C | RADIUM-226             | 1.27  | 0.16 | 0.56  | PC/G  | *     |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4307  |      | WP0171.0 | 11/19/96 | 0000024115 | 10/17/96 |
| SC-06006-C | THORIUM-230            | 0.86  | 0.09 | 0.72  | PC/G  | *     |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4307  |      | WP0171.0 | 10/22/96 | 0000024115 | 10/17/96 |
| SC-06006-S | AROCLOR-1248           | ND    |      | 37.00 | UG/KG | U     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532009 | U    | QT2019.0 | 10/21/96 | 0000024114 | 10/17/96 |
| SC-06006-S | AROCLOR-1254           | ND    |      | 37.00 | UG/KG | U     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532009 | U    | QT2019.0 | 10/21/96 | 0000024114 | 10/17/96 |
| SC-06006-S | AROCLOR-1260           | ND    |      | 37.00 | UG/KG | U     |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532009 | U    | QT2019.0 | 10/21/96 | 0000024114 | 10/17/96 |
| SC-06006-S | ARSENIC                | 7.40  |      | 0.40  | UG/G  | A     |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532009 |      | QT2019.0 | 10/19/96 | 0000024114 | 10/17/96 |
| SC-06006-S | CHROMIUM               | 14.40 |      | 0.34  | UG/G  | A     |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532009 |      | QT2019.0 | 10/19/96 | 0000024114 | 10/17/96 |
| SC-06006-S | LEAD                   | 19.70 |      | 0.18  | UG/G  | A     |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532009 |      | QT2019.0 | 10/19/96 | 0000024114 | 10/17/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL  | LAB      | LAB  | LAB      | DATE     | SAMPLE     | DATE     |
|------------|------------------------|-------|------|-------|-------|-----|------|----------|-----------|--------|----------------|------|----------|------|----------|----------|------------|----------|
|            |                        |       |      |       |       |     |      |          |           |        |                | FACT | ID       | QUAL | REQD     | ANA      | LINK       | SAMPLED  |
| SC-06006-S | RADIUM-226             | 1.30  | 0.12 | 0.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4308  |      | WP0171.0 | 11/19/96 | 0000024114 | 10/17/96 |
| SC-06006-S | RADIUM-226             | 1.02  | 0.16 | 0.82  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4308  |      | WP0171.0 | 11/19/96 | 0000024114 | 10/17/96 |
| SC-06006-S | THORIUM-230            | 0.91  | 0.10 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4308  |      | WP0171.0 | 10/22/96 | 0000024114 | 10/17/96 |
| SC-06006-S | URANIUM-238            | ND    |      | 4.23  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4308  |      | WP0171.0 | 11/19/96 | 0000024114 | 10/17/96 |
| SC-06007-S | AROCLO-1248            | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532002 | U    | QT2019.0 | 10/21/96 | 0000024116 | 10/17/96 |
| SC-06007-S | AROCLO-1254            | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532002 | U    | QT2019.0 | 10/21/96 | 0000024116 | 10/17/96 |
| SC-06007-S | AROCLO-1260            | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532002 | U    | QT2019.0 | 10/21/96 | 0000024116 | 10/17/96 |
| SC-06007-S | ARSENIC                | 4.20  |      | 0.45  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532002 |      | QT2019.0 | 10/19/96 | 0000024116 | 10/17/96 |
| SC-06007-S | BENZO(A)ANTHRACENE     | ND    |      | 43.00 | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12532002 | U    | QT2019.0 | 10/21/96 | 0000024116 | 10/17/96 |
| SC-06007-S | BENZO(A)PYRENE         | ND    |      | 43.00 | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12532002 | U    | QT2019.0 | 10/21/96 | 0000024116 | 10/17/96 |
| SC-06007-S | BENZO(B)FLUORANTHENE   | ND    |      | 43.00 | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12532002 | U    | QT2019.0 | 10/21/96 | 0000024116 | 10/17/96 |
| SC-06007-S | BENZO(K)FLUORANTHENE   | ND    |      | 43.00 | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12532002 | U    | QT2019.0 | 10/21/96 | 0000024116 | 10/17/96 |
| SC-06007-S | CHROMIUM               | 10.40 |      | 0.37  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532002 |      | QT2019.0 | 10/19/96 | 0000024116 | 10/17/96 |
| SC-06007-S | CHRYSENE               | ND    |      | 43.00 | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12532002 | U    | QT2019.0 | 10/21/96 | 0000024116 | 10/17/96 |
| SC-06007-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 43.00 | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12532002 | U    | QT2019.0 | 10/21/96 | 0000024116 | 10/17/96 |
| SC-06007-S | LEAD                   | 17.70 |      | 0.20  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532002 |      | QT2019.0 | 10/19/96 | 0000024116 | 10/17/96 |
| SC-06007-S | RADIUM-226             | 1.42  | 0.10 | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4309  |      | WP0171.0 | 11/19/96 | 0000024116 | 10/17/96 |
| SC-06007-S | RADIUM-228             | 1.53  | 0.13 | 0.37  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4309  |      | WP0171.0 | 11/19/96 | 0000024116 | 10/17/96 |
| SC-06007-S | THALLIUM               | ND    |      | 0.87  | UG/G  | U   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532002 | U    | QT2019.0 | 10/19/96 | 0000024116 | 10/17/96 |
| SC-06007-S | THORIUM-230            | 1.01  | 0.12 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4309  |      | WP0171.0 | 10/22/96 | 0000024116 | 10/17/96 |
| SC-06007-S | URANIUM-238            | ND    |      | 3.16  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4309  |      | WP0171.0 | 11/19/96 | 0000024116 | 10/17/96 |
| SC-06008-S | URANIUM-238            | 0.32  | 1.47 | 4.61  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4318  |      | WP0172.0 | 10/20/96 | 0000024117 | 10/17/96 |
| SC-06008-S | AROCLO-1248            | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12320004 | U    | QT1503.0 | 10/2/96  | 0000024118 | 9/30/96  |
| SC-06008-S | AROCLO-1254            | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12320004 | U    | QT1503.0 | 10/2/96  | 0000024118 | 9/30/96  |
| SC-06008-S | AROCLO-1260            | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12320004 | U    | QT1503.0 | 10/2/96  | 0000024118 | 9/30/96  |
| SC-06008-S | ARSENIC                | 6.20  |      | 0.43  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12320004 |      | QT1503.0 | 10/1/96  | 0000024118 | 9/30/96  |
| SC-06008-S | CHROMIUM               | 13.70 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12320004 |      | QT1503.0 | 10/1/96  | 0000024118 | 9/30/96  |
| SC-06008-S | LEAD                   | 10.10 |      | 0.19  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12320004 |      | QT1503.0 | 10/1/96  | 0000024118 | 9/30/96  |
| SC-06008-S | RADIUM-226             | 1.15  | 0.12 | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3887  |      | WP0148.0 | 11/10/96 | 0000024118 | 9/30/96  |
| SC-06008-S | RADIUM-228             | 1.38  | 0.17 | 0.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3887  |      | WP0148.0 | 11/10/96 | 0000024118 | 9/30/96  |
| SC-06008-S | THORIUM-230            | 0.99  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3887  |      | WP0148.0 | 10/2/96  | 0000024118 | 9/30/96  |
| SC-06008-S | URANIUM-238            | ND    |      | 3.95  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3887  |      | WP0148.0 | 11/10/96 | 0000024118 | 9/30/96  |
| SC-06010-S | AROCLO-1248            | ND    |      | 38.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532010 | U    | QT2019.0 | 10/21/96 | 0000024119 | 10/17/96 |
| SC-06010-S | AROCLO-1254            | ND    |      | 38.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532010 | U    | QT2019.0 | 10/21/96 | 0000024119 | 10/17/96 |
| SC-06010-S | AROCLO-1260            | ND    |      | 38.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532010 | U    | QT2019.0 | 10/21/96 | 0000024119 | 10/17/96 |
| SC-06010-S | ARSENIC                | 4.10  |      | 0.41  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532010 |      | QT2019.0 | 10/19/96 | 0000024119 | 10/17/96 |
| SC-06010-S | CHROMIUM               | 12.30 |      | 0.34  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532010 |      | QT2019.0 | 10/19/96 | 0000024119 | 10/17/96 |
| SC-06010-S | LEAD                   | 7.80  |      | 0.18  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532010 |      | QT2019.0 | 10/19/96 | 0000024119 | 10/17/96 |
| SC-06010-S | RADIUM-226             | 1.58  | 0.14 | 0.50  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4310  |      | WP0171.0 | 11/19/96 | 0000024119 | 10/17/96 |
| SC-06010-S | RADIUM-228             | 1.47  | 0.18 | 0.59  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4310  |      | WP0171.0 | 11/19/96 | 0000024119 | 10/17/96 |
| SC-06010-S | THORIUM-230            | 0.92  | 0.10 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4310  |      | WP0171.0 | 10/22/96 | 0000024119 | 10/17/96 |
| SC-06010-S | URANIUM-238            | ND    |      | 4.46  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC4310  |      | WP0171.0 | 11/19/96 | 0000024119 | 10/17/96 |
| SC-06011-S | AROCLO-1248            | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532003 | U    | QT2019.0 | 10/21/96 | 0000024120 | 10/17/96 |
| SC-06011-S | AROCLO-1254            | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532003 | U    | QT2019.0 | 10/21/96 | 0000024120 | 10/17/96 |
| SC-06011-S | AROCLO-1260            | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12532003 | U    | QT2019.0 | 10/21/96 | 0000024120 | 10/17/96 |
| SC-06011-S | ARSENIC                | 8.00  |      | 0.45  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12532003 |      | QT2019.0 | 10/19/96 | 0000024120 | 10/17/96 |
| SC-06011-S | BENZO(A)ANTHRACENE     | ND    |      | 43.00 | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12532003 | U    | QT2019.0 | 10/21/96 | 0000024120 | 10/17/96 |
| SC-06011-S | BENZO(A)PYRENE         | ND    |      | 43.00 | UG/KG | U   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12532003 | U    | QT2019.0 | 10/21/96 | 0000024120 | 10/17/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC    | ERR  | DL     | UNITS | VAL   | QUAL   | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL    | LAB      | LAB | LAB      | DATE     | SAMPLINK   | DATE     |
|------------|------------------------|---------|------|--------|-------|-------|--------|----------|-----------|--------|----------------|--------|----------|-----|----------|----------|------------|----------|
| SC-06011-S | BENZO(B)FLUORANTHENE   | ND      |      | 43.00  | UG/KG | U     |        |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 12532003 | U   | QT2019.0 | 10/21/96 | 0000024120 | 10/17/96 |
| SC-06011-S | BENZO(K)FLUORANTHENE   | ND      |      | 43.00  | UG/KG | U     |        |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 12532003 | U   | QT2019.0 | 10/21/96 | 0000024120 | 10/17/96 |
| SC-06011-S | CHROMIUM               | 12.00   |      | 0.37   | UG/G  | A     |        |          | EPA CLP   | SOIL   | METALS         | 1.00   | 12532003 |     | QT2019.0 | 10/19/96 | 0000024120 | 10/17/96 |
| SC-06011-S | CHRYSENE               | ND      |      | 43.00  | UG/KG | U     |        |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 12532003 | U   | QT2019.0 | 10/21/96 | 0000024120 | 10/17/96 |
| SC-06011-S | INDENO(1,2,3-CD)PYRENE | ND      |      | 43.00  | UG/KG | U     |        |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 12532003 | U   | QT2019.0 | 10/21/96 | 0000024120 | 10/17/96 |
| SC-06011-S | LEAD                   | 12.50   |      | 0.20   | UG/G  | A     |        |          | EPA CLP   | SOIL   | METALS         | 1.00   | 12532003 |     | QT2019.0 | 10/19/96 | 0000024120 | 10/17/96 |
| SC-06011-S | RADIUM-226             | 1.27    | 0.11 | 0.34   | PC/KG | *     |        |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC4311  |     | WP0171.0 | 11/19/96 | 0000024120 | 10/17/96 |
| SC-06011-S | RADIUM-228             | 1.37    | 0.13 | 0.34   | PC/KG | *     |        |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC4311  |     | WP0171.0 | 11/19/96 | 0000024120 | 10/17/96 |
| SC-06011-S | THALLIUM               | ND      |      | 1.40   | UG/G  | 1.40U | T*     |          | EPA CLP   | SOIL   | METALS         | 1.00   | 12532003 | B   | QT2019.0 | 10/19/96 | 0000024120 | 10/17/96 |
| SC-06011-S | THORIUM-230            | 0.80    | 0.08 | 0.72   | PC/KG | *     |        |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00   | WSC4311  |     | WP0171.0 | 10/22/96 | 0000024120 | 10/17/96 |
| SC-06011-S | URANIUM-238            | 3.22    | 0.71 | 2.28   | PC/KG | *     |        |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC4311  |     | WP0171.0 | 11/19/96 | 0000024120 | 10/17/96 |
| SC-06012-S | URANIUM-238            | 3.64    | 0.78 | 2.88   | PC/KG | *     |        |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC4319  |     | WP0172.0 | 10/20/96 | 0000024121 | 10/17/96 |
| SC-06013-S | URANIUM-238            | 2.73    | 0.60 | 1.83   | PC/KG | *     |        |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC3888  |     | WP0149.0 | 10/19/96 | 0000024122 | 9/30/96  |
| SC-06014-S | URANIUM-238            | ND      |      | 3.68   | PC/KG | *     |        |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC4320  |     | WP0172.0 | 10/21/96 | 0000024123 | 10/17/96 |
| SC-06015-S | AROCLOR-1248           | ND      |      | 38.00  | UG/KG | U     |        |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12532004 | U   | QT2019.0 | 10/21/96 | 0000024124 | 10/17/96 |
| SC-06015-S | AROCLOR-1254           | ND      |      | 38.00  | UG/KG | U     |        |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12532004 | U   | QT2019.0 | 10/21/96 | 0000024124 | 10/17/96 |
| SC-06015-S | AROCLOR-1260           | ND      |      | 38.00  | UG/KG | U     |        |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12532004 | U   | QT2019.0 | 10/21/96 | 0000024124 | 10/17/96 |
| SC-06015-S | ARSENIC                | ND      |      | 2.90   | UG/G  | 2.90U | T*     |          | EPA CLP   | SOIL   | METALS         | 1.00   | 12532004 |     | QT2019.0 | 10/19/96 | 0000024124 | 10/17/96 |
| SC-06015-S | BENZO(A)ANTHRACENE     | ND      |      | 40.00  | UG/KG | U     |        |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 12532004 | U   | QT2019.0 | 10/21/96 | 0000024124 | 10/17/96 |
| SC-06015-S | BENZO(A)PYRENE         | ND      |      | 40.00  | UG/KG | U     |        |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 12532004 | U   | QT2019.0 | 10/21/96 | 0000024124 | 10/17/96 |
| SC-06015-S | BENZO(B)FLUORANTHENE   | ND      |      | 40.00  | UG/KG | U     |        |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 12532004 | U   | QT2019.0 | 10/21/96 | 0000024124 | 10/17/96 |
| SC-06015-S | BENZO(K)FLUORANTHENE   | ND      |      | 40.00  | UG/KG | U     |        |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 12532004 | U   | QT2019.0 | 10/21/96 | 0000024124 | 10/17/96 |
| SC-06015-S | CHROMIUM               | 8.80    |      | 0.35   | UG/G  | A     |        |          | EPA CLP   | SOIL   | METALS         | 1.00   | 12532004 |     | QT2019.0 | 10/19/96 | 0000024124 | 10/17/96 |
| SC-06015-S | CHRYSENE               | ND      |      | 40.00  | UG/KG | U     |        |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 12532004 | U   | QT2019.0 | 10/21/96 | 0000024124 | 10/17/96 |
| SC-06015-S | INDENO(1,2,3-CD)PYRENE | ND      |      | 40.00  | UG/KG | U     |        |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 12532004 | U   | QT2019.0 | 10/21/96 | 0000024124 | 10/17/96 |
| SC-06015-S | LEAD                   | 8.80    |      | 0.18   | UG/G  | A     |        |          | EPA CLP   | SOIL   | METALS         | 1.00   | 12532004 |     | QT2019.0 | 10/19/96 | 0000024124 | 10/17/96 |
| SC-06015-S | RADIUM-226             | 1.81    | 0.13 | 0.33   | PC/KG | *     |        |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC4312  |     | WP0171.0 | 11/19/96 | 0000024124 | 10/17/96 |
| SC-06015-S | RADIUM-228             | 1.88    | 0.20 | 0.44   | PC/KG | *     |        |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC4312  |     | WP0171.0 | 11/19/96 | 0000024124 | 10/17/96 |
| SC-06015-S | THALLIUM               | ND      |      | 0.81   | UG/G  | U     |        |          | EPA CLP   | SOIL   | METALS         | 1.00   | 12532004 | U   | QT2019.0 | 10/19/96 | 0000024124 | 10/17/96 |
| SC-06015-S | THORIUM-230            | 0.79    | 0.08 | 0.72   | PC/KG | *     |        |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00   | WSC4312  |     | WP0171.0 | 10/22/96 | 0000024124 | 10/17/96 |
| SC-06015-S | URANIUM-238            | ND      |      | 4.00   | PC/KG | *     |        |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC4312  |     | WP0171.0 | 11/19/96 | 0000024124 | 10/17/96 |
| SC-06016-S | TOLUENE                | ND      |      | 8.00   | UG/KG | U     | DF=5   |          | EPA 8020  | SOIL   | VOLATILES      | 5.00   | 12532011 | U   | QT2019.0 | 10/22/96 | 0000024125 | 10/17/96 |
| SC-06016-S | URANIUM-238            | ND      |      | 4.00   | PC/KG | *     |        |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC4321  |     | WP0172.0 | 10/21/96 | 0000024125 | 10/17/96 |
| SC-06017-S | URANIUM-238            | ND      |      | 2.98   | PC/KG | *     |        |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC3799  |     | WP0145.0 | 9/20/96  | 0000024126 | 9/18/96  |
| SC-06018-S | URANIUM-238            | ND      |      | 3.18   | PC/KG | *     |        |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00   | WSC4322  |     | WP0172.0 | 10/21/96 | 0000024127 | 10/17/96 |
| SC-06019-C | TOLUENE                | 3400.00 |      | 170.00 | UG/KG | A     | DF=125 |          | EPA 8020  | SOIL   | VOLATILES      | 125.00 | 12532012 |     | WP018.0  | 10/23/96 | 0000030819 | 10/17/96 |
| SC-06019-S | AROCLOR-1248           | ND      |      | 37.00  | UG/KG | U     |        |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12532005 | U   | QT2019.0 | 10/21/96 | 0000024128 | 10/17/96 |
| SC-06019-S | AROCLOR-1254           | ND      |      | 37.00  | UG/KG | U     |        |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12532005 | U   | QT2019.0 | 10/21/96 | 0000024128 | 10/17/96 |
| SC-06019-S | AROCLOR-1260           | ND      |      | 37.00  | UG/KG | U     |        |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00   | 12532005 | U   | QT2019.0 | 10/21/96 | 0000024128 | 10/17/96 |
| SC-06019-S | ARSENIC                | 5.70    |      | 0.41   | UG/G  | A     |        |          | EPA CLP   | SOIL   | METALS         | 1.00   | 12532005 |     | QT2019.0 | 10/19/96 | 0000024128 | 10/17/96 |
| SC-06019-S | BENZO(A)ANTHRACENE     | ND      |      | 30.00  | UG/KG | U     |        |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 12532005 | U   | QT2019.0 | 10/21/96 | 0000024128 | 10/17/96 |
| SC-06019-S | BENZO(A)PYRENE         | ND      |      | 30.00  | UG/KG | U     |        |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 12532005 | U   | QT2019.0 | 10/21/96 | 0000024128 | 10/17/96 |
| SC-06019-S | BENZO(B)FLUORANTHENE   | ND      |      | 30.00  | UG/KG | U     |        |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 12532005 | U   | QT2019.0 | 10/21/96 | 0000024128 | 10/17/96 |
| SC-06019-S | BENZO(K)FLUORANTHENE   | ND      |      | 30.00  | UG/KG | U     |        |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 12532005 | U   | QT2019.0 | 10/21/96 | 0000024128 | 10/17/96 |
| SC-06019-S | CHROMIUM               | 13.70   |      | 0.34   | UG/G  | A     |        |          | EPA CLP   | SOIL   | METALS         | 1.00   | 12532005 |     | QT2019.0 | 10/19/96 | 0000024128 | 10/17/96 |
| SC-06019-S | CHRYSENE               | ND      |      | 30.00  | UG/KG | U     |        |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 12532005 | U   | QT2019.0 | 10/21/96 | 0000024128 | 10/17/96 |
| SC-06019-S | INDENO(1,2,3-CD)PYRENE | ND      |      | 30.00  | UG/KG | U     |        |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00   | 12532005 | U   | QT2019.0 | 10/21/96 | 0000024128 | 10/17/96 |
| SC-06019-S | LEAD                   | 9.20    |      | 0.18   | UG/G  | A     |        |          | EPA CLP   | SOIL   | METALS         | 1.00   | 12532005 |     | QT2019.0 | 10/19/96 | 0000024128 | 10/17/96 |

APPENDIX D TABLE D-1

| WSRAP ID   | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | OIL  | LAB      | LAB | LAB      | DATE     | SAMPLINK   | DATE     |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|-----|----------|----------|------------|----------|
| SC-06019-S | RADIUM-226  | 1.66  | 0.12 | 0.35  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4313  |     | WP0171.0 | 11/18/96 | 0000024128 | 10/17/96 |
| SC-06019-S | RADIUM-226  | 1.36  | 0.13 | 0.34  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4313  |     | WP0171.0 | 11/18/96 | 0000024128 | 10/17/96 |
| SC-06019-S | THALLIUM    | ND    |      | 0.79  | UG/G  | U   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12532005 | U   | QT2019.0 | 10/19/96 | 0000024128 | 10/17/96 |
| SC-06019-S | THORIUM-230 | 0.88  | 0.10 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC4313  |     | WP0171.0 | 10/22/96 | 0000024128 | 10/17/96 |
| SC-06019-S | URANIUM-238 | ND    |      | 3.71  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4313  |     | WP0171.0 | 11/18/96 | 0000024128 | 10/17/96 |
| SC-06020-S | TOLUENE     | ND    |      | 6.80  | UG/KG | U   | DF-5 |          | EPA 8020  | SOIL   | VOLATILES     | 5.00 | 12532019 | U   | QT2019.0 | 10/22/96 | 0000024129 | 10/17/96 |
| SC-06020-S | URANIUM-238 | ND    |      | 3.85  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4323  |     | WP0172.0 | 10/21/96 | 0000024129 | 10/17/96 |
| SC-06101-S | AROCLO-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219001 | U   | QT1495.0 | 9/22/96  | 0000024130 | 9/19/96  |
| SC-06101-S | AROCLO-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219001 | U   | QT1495.0 | 9/22/96  | 0000024130 | 9/19/96  |
| SC-06101-S | AROCLO-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219001 | U   | QT1495.0 | 9/22/96  | 0000024130 | 9/19/96  |
| SC-06101-S | ARSENIC     | 16.00 |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219001 |     | QT1495.0 | 9/20/96  | 0000024130 | 9/19/96  |
| SC-06101-S | CHROMIUM    | 14.40 |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219001 |     | QT1495.0 | 9/20/96  | 0000024130 | 9/19/96  |
| SC-06101-S | LEAD        | 21.80 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219001 |     | QT1495.0 | 9/20/96  | 0000024130 | 9/19/96  |
| SC-06101-S | RADIUM-226  | 1.17  | 0.11 | 0.30  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3797  |     | WP0146.0 | 10/30/96 | 0000024130 | 9/19/96  |
| SC-06101-S | RADIUM-226  | ND    |      | 1.25  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3797  |     | WP0146.0 | 10/30/96 | 0000024130 | 9/19/96  |
| SC-06101-S | THORIUM-230 | 0.85  | 0.09 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3797  |     | WP0146.0 | 9/22/96  | 0000024130 | 9/19/96  |
| SC-06101-S | URANIUM-238 | -3.99 | 1.29 | 3.82  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3797  |     | WP0146.0 | 10/30/96 | 0000024130 | 9/19/96  |
| SC-06102-S | AROCLO-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320006 | U   | QT1503.0 | 10/2/96  | 0000024131 | 9/30/96  |
| SC-06102-S | AROCLO-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320006 | U   | QT1503.0 | 10/2/96  | 0000024131 | 9/30/96  |
| SC-06102-S | AROCLO-1260 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320006 | U   | QT1503.0 | 10/2/96  | 0000024131 | 9/30/96  |
| SC-06102-S | ARSENIC     | 7.80  |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320006 |     | QT1503.0 | 10/1/96  | 0000024131 | 9/30/96  |
| SC-06102-S | CHROMIUM    | 15.20 |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320006 |     | QT1503.0 | 10/1/96  | 0000024131 | 9/30/96  |
| SC-06102-S | LEAD        | 14.80 |      | 0.20  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320006 |     | QT1503.0 | 10/1/96  | 0000024131 | 9/30/96  |
| SC-06102-S | RADIUM-226  | 1.49  | 0.10 | 0.31  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3889  |     | WP0149.0 | 11/10/96 | 0000024131 | 9/30/96  |
| SC-06102-S | RADIUM-226  | 1.33  | 0.13 | 0.42  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3889  |     | WP0149.0 | 11/10/96 | 0000024131 | 9/30/96  |
| SC-06102-S | THORIUM-230 | 0.97  | 0.10 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3889  |     | WP0149.0 | 10/2/96  | 0000024131 | 9/30/96  |
| SC-06102-S | URANIUM-238 | 4.38  | 0.83 | 2.59  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3889  |     | WP0149.0 | 11/10/96 | 0000024131 | 9/30/96  |
| SC-06103-S | AROCLO-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320006 | U   | QT1503.0 | 10/2/96  | 0000024132 | 9/30/96  |
| SC-06103-S | AROCLO-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320006 | U   | QT1503.0 | 10/2/96  | 0000024132 | 9/30/96  |
| SC-06103-S | AROCLO-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320006 | U   | QT1503.0 | 10/2/96  | 0000024132 | 9/30/96  |
| SC-06103-S | ARSENIC     | 6.10  |      | 0.43  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320006 |     | QT1503.0 | 10/1/96  | 0000024132 | 9/30/96  |
| SC-06103-S | CHROMIUM    | 15.10 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320006 |     | QT1503.0 | 10/1/96  | 0000024132 | 9/30/96  |
| SC-06103-S | LEAD        | 6.90  |      | 0.18  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320006 |     | QT1503.0 | 10/1/96  | 0000024132 | 9/30/96  |
| SC-06103-S | RADIUM-226  | 1.49  | 0.14 | 0.30  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3889  |     | WP0149.0 | 11/10/96 | 0000024132 | 9/30/96  |
| SC-06103-S | RADIUM-226  | 1.36  | 0.19 | 0.55  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3889  |     | WP0149.0 | 11/10/96 | 0000024132 | 9/30/96  |
| SC-06103-S | THORIUM-230 | 0.98  | 0.10 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3889  |     | WP0149.0 | 10/2/96  | 0000024132 | 9/30/96  |
| SC-06103-S | URANIUM-238 | ND    |      | 3.77  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3889  |     | WP0149.0 | 11/10/96 | 0000024132 | 9/30/96  |
| SC-06104-S | AROCLO-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320007 | U   | QT1503.0 | 10/2/96  | 0000024133 | 9/30/96  |
| SC-06104-S | AROCLO-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320007 | U   | QT1503.0 | 10/2/96  | 0000024133 | 9/30/96  |
| SC-06104-S | AROCLO-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320007 | U   | QT1503.0 | 10/2/96  | 0000024133 | 9/30/96  |
| SC-06104-S | ARSENIC     | 6.50  |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320007 |     | QT1503.0 | 10/1/96  | 0000024133 | 9/30/96  |
| SC-06104-S | CHROMIUM    | 13.70 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320007 |     | QT1503.0 | 10/1/96  | 0000024133 | 9/30/96  |
| SC-06104-S | LEAD        | 10.50 |      | 0.19  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320007 |     | QT1503.0 | 10/1/96  | 0000024133 | 9/30/96  |
| SC-06104-S | RADIUM-226  | 1.41  | 0.10 | 0.32  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3891  |     | WP0149.0 | 11/10/96 | 0000024133 | 9/30/96  |
| SC-06104-S | RADIUM-226  | 1.42  | 0.14 | 0.40  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3891  |     | WP0149.0 | 11/10/96 | 0000024133 | 9/30/96  |
| SC-06104-S | THORIUM-230 | 0.83  | 0.08 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3891  |     | WP0149.0 | 10/2/96  | 0000024133 | 9/30/96  |
| SC-06104-S | URANIUM-238 | 4.41  | 0.80 | 2.02  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3891  |     | WP0149.0 | 11/10/96 | 0000024133 | 9/30/96  |
| SC-06105-S | AROCLO-1248 | ND    |      | 46.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320008 | U   | QT1503.0 | 10/2/96  | 0000024134 | 9/30/96  |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL   | LAB      | LAB | LAB      | DATE     | SAMPLINK   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|-----|----------|----------|------------|---------|
| SC-06105-S | AROCOR-1254 | ND    |      | 45.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320008 | U   | QT1503.0 | 10/2/96  | 0000024134 | 9/30/96 |
| SC-06105-S | AROCOR-1260 | ND    |      | 45.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320008 | U   | QT1503.0 | 10/2/96  | 0000024134 | 9/30/96 |
| SC-06105-S | ARSENIC     | 13.30 |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320008 |     | QT1503.0 | 10/1/96  | 0000024134 | 9/30/96 |
| SC-06105-S | CHROMIUM    | 17.50 |      | 0.41  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320008 |     | QT1503.0 | 10/1/96  | 0000024134 | 9/30/96 |
| SC-06105-S | LEAD        | 12.80 |      | 0.22  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320008 |     | QT1503.0 | 10/1/96  | 0000024134 | 9/30/96 |
| SC-06105-S | RADIUM-226  | 1.32  | 0.12 | 0.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3892  |     | WP0149.0 | 11/10/96 | 0000024134 | 9/30/96 |
| SC-06105-S | RADIUM-228  | 1.35  | 0.17 | 0.67  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3892  |     | WP0149.0 | 11/10/96 | 0000024134 | 9/30/96 |
| SC-06105-S | THORIUM-230 | 0.88  | 0.09 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3892  |     | WP0149.0 | 10/2/96  | 0000024134 | 9/30/96 |
| SC-06105-S | URANIUM-238 | -2.77 | 1.40 | 4.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3892  |     | WP0149.0 | 11/10/96 | 0000024134 | 9/30/96 |
| SC-06105-S | AROCOR-1248 | ND    |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320009 | U   | QT1503.0 | 10/2/96  | 0000024135 | 9/30/96 |
| SC-06105-S | AROCOR-1254 | ND    |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320009 | U   | QT1503.0 | 10/2/96  | 0000024135 | 9/30/96 |
| SC-06105-S | AROCOR-1260 | ND    |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320009 | U   | QT1503.0 | 10/2/96  | 0000024135 | 9/30/96 |
| SC-06105-S | ARSENIC     | 4.50  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320009 |     | QT1503.0 | 10/1/96  | 0000024135 | 9/30/96 |
| SC-06105-S | CHROMIUM    | 11.90 |      | 0.40  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320009 |     | QT1503.0 | 10/1/96  | 0000024135 | 9/30/96 |
| SC-06105-S | LEAD        | 10.00 |      | 0.21  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320009 |     | QT1503.0 | 10/1/96  | 0000024135 | 9/30/96 |
| SC-06105-S | RADIUM-226  | 1.11  | 0.10 | 0.34  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3893  |     | WP0149.0 | 11/10/96 | 0000024135 | 9/30/96 |
| SC-06105-S | RADIUM-228  | 1.36  | 0.15 | 0.47  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3893  |     | WP0149.0 | 11/10/96 | 0000024135 | 9/30/96 |
| SC-06105-S | THORIUM-230 | 0.94  | 0.10 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3893  |     | WP0149.0 | 10/2/96  | 0000024135 | 9/30/96 |
| SC-06105-S | URANIUM-238 | ND    |      | 3.47  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3893  |     | WP0149.0 | 11/10/96 | 0000024135 | 9/30/96 |
| SC-06107-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320010 | U   | QT1503.0 | 10/2/96  | 0000024136 | 9/30/96 |
| SC-06107-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320010 | U   | QT1503.0 | 10/2/96  | 0000024136 | 9/30/96 |
| SC-06107-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320010 | U   | QT1503.0 | 10/2/96  | 0000024136 | 9/30/96 |
| SC-06107-S | ARSENIC     | 8.00  |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320010 |     | QT1603.0 | 10/1/96  | 0000024136 | 9/30/96 |
| SC-06107-S | CHROMIUM    | 15.50 |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320010 |     | QT1603.0 | 10/1/96  | 0000024136 | 9/30/96 |
| SC-06107-S | LEAD        | 15.80 |      | 0.19  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320010 |     | QT1503.0 | 10/1/96  | 0000024136 | 9/30/96 |
| SC-06107-S | RADIUM-226  | 1.71  | 0.11 | 0.31  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3894  |     | WP0149.0 | 11/10/96 | 0000024136 | 9/30/96 |
| SC-06107-S | RADIUM-228  | 1.45  | 0.14 | 0.42  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3894  |     | WP0149.0 | 11/10/96 | 0000024136 | 9/30/96 |
| SC-06107-S | THORIUM-230 | 0.98  | 0.10 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3894  |     | WP0149.0 | 10/2/96  | 0000024136 | 9/30/96 |
| SC-06107-S | URANIUM-238 | 3.78  | 0.60 | 2.52  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3894  |     | WP0149.0 | 11/10/96 | 0000024136 | 9/30/96 |
| SC-06108-S | AROCOR-1248 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320011 | U   | QT1503.0 | 10/2/96  | 0000024137 | 9/30/96 |
| SC-06108-S | AROCOR-1254 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320011 | U   | QT1503.0 | 10/2/96  | 0000024137 | 9/30/96 |
| SC-06108-S | AROCOR-1260 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320011 | U   | QT1503.0 | 10/2/96  | 0000024137 | 9/30/96 |
| SC-06108-S | ARSENIC     | 7.80  |      | 0.45  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320011 |     | QT1503.0 | 10/1/96  | 0000024137 | 9/30/96 |
| SC-06108-S | CHROMIUM    | 14.20 |      | 0.38  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320011 |     | QT1503.0 | 10/1/96  | 0000024137 | 9/30/96 |
| SC-06108-S | LEAD        | 14.80 |      | 0.20  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320011 |     | QT1503.0 | 10/1/96  | 0000024137 | 9/30/96 |
| SC-06108-S | RADIUM-226  | 1.50  | 0.12 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3895  |     | WP0149.0 | 11/10/96 | 0000024137 | 9/30/96 |
| SC-06108-S | RADIUM-228  | 1.41  | 0.17 | 0.52  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3895  |     | WP0149.0 | 11/10/96 | 0000024137 | 9/30/96 |
| SC-06108-S | THORIUM-230 | 1.10  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3895  |     | WP0149.0 | 10/2/96  | 0000024137 | 9/30/96 |
| SC-06108-S | URANIUM-238 | 0.82  | 1.35 | 3.62  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3895  |     | WP0149.0 | 11/10/96 | 0000024137 | 9/30/96 |
| SC-06109-S | AROCOR-1248 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320012 | U   | QT1503.0 | 10/2/96  | 0000024138 | 9/30/96 |
| SC-06109-S | AROCOR-1254 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320012 | U   | QT1503.0 | 10/2/96  | 0000024138 | 9/30/96 |
| SC-06109-S | AROCOR-1260 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12320012 | U   | QT1503.0 | 10/2/96  | 0000024138 | 9/30/96 |
| SC-06109-S | ARSENIC     | 5.80  |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320012 |     | QT1503.0 | 10/1/96  | 0000024138 | 9/30/96 |
| SC-06109-S | CHROMIUM    | 16.50 |      | 0.38  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320012 |     | QT1503.0 | 10/1/96  | 0000024138 | 9/30/96 |
| SC-06109-S | LEAD        | 8.40  |      | 0.20  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12320012 |     | QT1603.0 | 10/1/96  | 0000024138 | 9/30/96 |
| SC-06109-S | RADIUM-226  | 1.13  | 0.09 | 0.25  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3896  |     | WP0149.0 | 11/10/96 | 0000024138 | 9/30/96 |
| SC-06109-S | RADIUM-228  | 1.06  | 0.13 | 0.60  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3896  |     | WP0149.0 | 11/10/96 | 0000024138 | 9/30/96 |
| SC-06109-S | THORIUM-230 | -0.67 | 0.04 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3896  |     | WP0149.0 | 10/2/96  | 0000024138 | 9/30/96 |

APPENDIX D TABLE D-1

| WSSRAP ID     | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL FACT | LAB ID   | LAB QUAL | LAB REGU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|---------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-06108-S    | URANIUM-238 | ND    |      | 2.98  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3886  |          | WP0149.0 | 11/10/98 | 0000024138 | 9/30/98      |
| SC-06110-S    | AROCOR-1248 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12320013 | U        | QT1503.0 | 10/2/98  | 0000024139 | 9/30/98      |
| SC-06110-S    | AROCOR-1254 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12320013 | U        | QT1503.0 | 10/2/98  | 0000024139 | 9/30/98      |
| SC-06110-S    | AROCOR-1260 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12320013 | U        | QT1503.0 | 10/2/98  | 0000024139 | 9/30/98      |
| SC-06110-S    | ARSENIC     | 6.68  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12320013 |          | QT1503.0 | 10/1/98  | 0000024139 | 9/30/98      |
| SC-06110-S    | CHROMIUM    | 11.70 |      | 0.38  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12320013 |          | QT1503.0 | 10/1/98  | 0000024139 | 9/30/98      |
| SC-06110-S    | LEAD        | 11.40 |      | 0.21  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12320013 |          | QT1503.0 | 10/1/98  | 0000024139 | 9/30/98      |
| SC-06110-S    | RADIUM-226  | 1.32  | 0.13 | 0.43  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3887  |          | WP0149.0 | 11/10/98 | 0000024139 | 9/30/98      |
| SC-06110-S    | RADIUM-228  | ND    |      | 1.40  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3887  |          | WP0149.0 | 11/10/98 | 0000024139 | 9/30/98      |
| SC-06110-S    | THORIUM-230 | 0.95  | 0.10 | 0.72  | PCIG  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3887  |          | WP0149.0 | 10/2/98  | 0000024139 | 9/30/98      |
| SC-06110-S    | URANIUM-238 | ND    |      | 4.25  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3887  |          | WP0149.0 | 11/10/98 | 0000024139 | 9/30/98      |
| SC-06111-S    | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12320014 | U        | QT1503.0 | 10/2/98  | 0000024140 | 9/30/98      |
| SC-06111-S    | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12320014 | U        | QT1503.0 | 10/2/98  | 0000024140 | 9/30/98      |
| SC-06111-S    | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12320014 | U        | QT1503.0 | 10/2/98  | 0000024140 | 9/30/98      |
| SC-06111-S    | ARSENIC     | 4.90  |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12320014 |          | QT1503.0 | 10/1/98  | 0000024140 | 9/30/98      |
| SC-06111-S    | CHROMIUM    | 10.90 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12320014 |          | QT1503.0 | 10/1/98  | 0000024140 | 9/30/98      |
| SC-06111-S    | LEAD        | 8.50  |      | 0.19  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12320014 |          | QT1503.0 | 10/1/98  | 0000024140 | 9/30/98      |
| SC-06111-S    | RADIUM-226  | 1.58  | 0.14 | 0.47  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3888  |          | WP0149.0 | 11/10/98 | 0000024140 | 9/30/98      |
| SC-06111-S    | RADIUM-228  | 1.05  | 0.18 | 0.52  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3888  |          | WP0149.0 | 11/10/98 | 0000024140 | 9/30/98      |
| SC-06111-S    | THORIUM-230 | 0.78  | 0.07 | 0.72  | PCIG  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3888  |          | WP0149.0 | 10/2/98  | 0000024140 | 9/30/98      |
| SC-06111-S    | URANIUM-238 | ND    |      | 4.04  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3888  |          | WP0149.0 | 11/10/98 | 0000024140 | 9/30/98      |
| SC-06112-S    | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12320015 | U        | QT1503.0 | 10/2/98  | 0000024141 | 9/30/98      |
| SC-06112-S    | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12320015 | U        | QT1503.0 | 10/2/98  | 0000024141 | 9/30/98      |
| SC-06112-S    | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12320015 | U        | QT1503.0 | 10/2/98  | 0000024141 | 9/30/98      |
| SC-06112-S    | ARSENIC     | 7.80  |      | 0.43  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12320015 |          | QT1503.0 | 10/1/98  | 0000024141 | 9/30/98      |
| SC-06112-S    | CHROMIUM    | 14.70 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12320015 |          | QT1503.0 | 10/1/98  | 0000024141 | 9/30/98      |
| SC-06112-S    | LEAD        | 22.70 |      | 0.19  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12320015 |          | QT1503.0 | 10/1/98  | 0000024141 | 9/30/98      |
| SC-06112-S    | RADIUM-226  | 1.88  | 0.10 | 0.29  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3889  |          | WP0149.0 | 11/10/98 | 0000024141 | 9/30/98      |
| SC-06112-S    | RADIUM-228  | 1.23  | 0.13 | 0.51  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3889  |          | WP0149.0 | 11/10/98 | 0000024141 | 9/30/98      |
| SC-06112-S    | THORIUM-230 | 0.82  | 0.07 | 0.72  | PCIG  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3889  |          | WP0149.0 | 10/2/98  | 0000024141 | 9/30/98      |
| SC-06112-S    | URANIUM-238 | ND    |      | 3.27  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3889  |          | WP0149.0 | 11/10/98 | 0000024141 | 9/30/98      |
| SC-06113-S    | URANIUM-238 | 3.63  | 0.78 | 2.78  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3900  |          | WP0149.0 | 10/1/98  | 0000024142 | 9/30/98      |
| SC-06113-S-RS | URANIUM-238 | ND    |      | 4.00  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4134  |          | WP0159.0 | 10/1/98  | 0000030645 | 10/8/98      |
| SC-06114-S    | URANIUM-238 | -2.61 | 0.75 | 2.70  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3901  |          | WP0149.0 | 10/1/98  | 0000024143 | 9/30/98      |
| SC-06115-S    | URANIUM-238 | ND    |      | 4.08  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3902  |          | WP0149.0 | 10/1/98  | 0000024144 | 9/30/98      |
| SC-06116-S    | URANIUM-238 | -1.70 | 0.64 | 2.58  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3903  |          | WP0149.0 | 10/1/98  | 0000024145 | 9/30/98      |
| SC-06117-S    | URANIUM-238 | 23.50 | 2.72 | 3.07  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3900  |          | WP0138.0 | 8/8/98   | 0000024145 | 9/8/98       |
| SC-06118-S    | URANIUM-238 | ND    |      | 3.31  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3794  |          | WP0145.0 | 8/19/98  | 0000024147 | 9/18/98      |
| SC-06119-S    | URANIUM-238 | ND    |      | 4.38  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3796  |          | WP0145.0 | 8/20/98  | 0000024148 | 9/18/98      |
| SC-06120-S    | URANIUM-238 | ND    |      | 3.85  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3798  |          | WP0145.0 | 8/20/98  | 0000024149 | 9/18/98      |
| SC-06202-S    | URANIUM-238 | 5.24  | 1.25 | 3.99  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4135  |          | WP0159.0 | 10/10/98 | 0000024150 | 10/8/98      |
| SC-06203-S    | AROCOR-1248 | ND    |      | 39.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434001 | U        | QT2011.0 | 10/12/98 | 0000024151 | 10/8/98      |
| SC-06203-S    | AROCOR-1254 | ND    |      | 39.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434001 | U        | QT2011.0 | 10/12/98 | 0000024151 | 10/8/98      |
| SC-06203-S    | AROCOR-1260 | ND    |      | 39.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434001 | U        | QT2011.0 | 10/12/98 | 0000024151 | 10/8/98      |
| SC-06203-S    | ARSENIC     | 17.40 |      | 0.42  | UG/G  | J   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12434001 |          | QT2011.0 | 10/9/98  | 0000024151 | 10/8/98      |
| SC-06203-S    | CHROMIUM    | 18.50 |      | 0.35  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12434001 |          | QT2011.0 | 10/9/98  | 0000024151 | 10/8/98      |
| SC-06203-S    | LEAD        | 44.10 |      | 0.19  | UG/G  | J   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12434001 |          | QT2011.0 | 10/9/98  | 0000024151 | 10/8/98      |
| SC-06203-S    | RADIUM-226  | 1.54  | 0.14 | 0.48  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4139  |          | WP0160.0 | 11/18/98 | 0000024151 | 10/8/98      |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER   | CONC   | ERR  | DL    | UNITS | VAL QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL FACT | LAB ID   | LAB QUAL | LAB REQD | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|-------------|--------|------|-------|-------|----------|----------|-----------|--------|---------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-06203-S | RADIUM-226  | 1.66   | 0.19 | 0.66  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4139  |          | WP0160.0 | 11/18/96 | 0000024151 | 10/8/96      |
| SC-06203-S | THORIUM-230 | 1.26   | 0.17 | 0.72  | PC/G  | *        |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC4139  |          | WP0160.0 | 10/12/96 | 0000024151 | 10/8/96      |
| SC-06203-S | URANIUM-238 | 7.11   | 1.50 | 4.23  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4139  |          | WP0160.0 | 11/18/96 | 0000024151 | 10/8/96      |
| SC-06204-S | AROCOR-1248 | ND     |      | 41.00 | UG/KG | U        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434003 | U        | QT2011.0 | 10/11/96 | 0000024152 | 10/8/96      |
| SC-06204-S | AROCOR-1254 | 65.00  |      | 41.00 | UG/KG | A        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434003 |          | QT2011.0 | 10/11/96 | 0000024152 | 10/8/96      |
| SC-06204-S | AROCOR-1260 | ND     |      | 41.00 | UG/KG | U        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434003 | U        | QT2011.0 | 10/11/96 | 0000024152 | 10/8/96      |
| SC-06204-S | ARSENIC     | 10.30  |      | 0.45  | UG/G  | A        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12434003 |          | QT2011.0 | 10/8/96  | 0000024152 | 10/8/96      |
| SC-06204-S | LEAD        | 18.80  |      | 0.20  | UG/G  | A        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12434003 |          | QT2011.0 | 10/8/96  | 0000024152 | 10/8/96      |
| SC-06204-S | RADIUM-226  | 1.66   | 0.11 | 0.37  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4141  |          | WP0160.0 | 11/18/96 | 0000024152 | 10/8/96      |
| SC-06204-S | RADIUM-228  | 1.31   | 0.15 | 0.58  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4141  |          | WP0160.0 | 11/18/96 | 0000024152 | 10/8/96      |
| SC-06204-S | THORIUM-230 | 1.32   | 0.14 | 0.72  | PC/G  | *        |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC4141  |          | WP0160.0 | 10/12/96 | 0000024152 | 10/8/96      |
| SC-06204-S | URANIUM-238 | 5.25   | 1.10 | 3.53  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4141  |          | WP0160.0 | 11/18/96 | 0000024152 | 10/8/96      |
| SC-06205-S | AROCOR-1248 | ND     |      | 39.00 | UG/KG | U        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434004 | U        | QT2011.0 | 10/11/96 | 0000024153 | 10/8/96      |
| SC-06205-S | AROCOR-1254 | ND     |      | 39.00 | UG/KG | U        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434004 | U        | QT2011.0 | 10/11/96 | 0000024153 | 10/8/96      |
| SC-06205-S | AROCOR-1260 | ND     |      | 39.00 | UG/KG | U        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434004 | U        | QT2011.0 | 10/11/96 | 0000024153 | 10/8/96      |
| SC-06205-S | ARSENIC     | 0.20   |      | 0.43  | UG/G  | A        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12434004 |          | QT2011.0 | 10/8/96  | 0000024153 | 10/8/96      |
| SC-06205-S | CHROMIUM    | 11.90  |      | 0.36  | UG/G  | A        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12434004 |          | QT2011.0 | 10/8/96  | 0000024153 | 10/8/96      |
| SC-06205-S | LEAD        | 12.40  |      | 0.19  | UG/G  | A        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12434004 |          | QT2011.0 | 10/8/96  | 0000024153 | 10/8/96      |
| SC-06205-S | RADIUM-226  | 1.40   | 0.10 | 0.31  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4142  |          | WP0160.0 | 11/18/96 | 0000024153 | 10/8/96      |
| SC-06205-S | RADIUM-228  | 1.23   | 0.13 | 0.52  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4142  |          | WP0160.0 | 11/18/96 | 0000024153 | 10/8/96      |
| SC-06205-S | THORIUM-230 | 0.79   | 0.08 | 0.72  | PC/G  | *        |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC4142  |          | WP0160.0 | 10/12/96 | 0000024153 | 10/8/96      |
| SC-06205-S | URANIUM-238 | 2.49   | 0.60 | 1.88  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4142  |          | WP0160.0 | 11/18/96 | 0000024153 | 10/8/96      |
| SC-06206-S | AROCOR-1248 | ND     |      | 41.00 | UG/KG | U        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434005 | U        | QT2011.0 | 10/11/96 | 0000024154 | 10/8/96      |
| SC-06206-S | AROCOR-1254 | ND     |      | 41.00 | UG/KG | U        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434005 | U        | QT2011.0 | 10/11/96 | 0000024154 | 10/8/96      |
| SC-06206-S | AROCOR-1260 | ND     |      | 41.00 | UG/KG | U        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434005 | U        | QT2011.0 | 10/11/96 | 0000024154 | 10/8/96      |
| SC-06206-S | ARSENIC     | 8.30   |      | 0.44  | UG/G  | A        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12434005 |          | QT2011.0 | 10/8/96  | 0000024154 | 10/8/96      |
| SC-06206-S | CHROMIUM    | 12.50  |      | 0.37  | UG/G  | A        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12434005 |          | QT2011.0 | 10/8/96  | 0000024154 | 10/8/96      |
| SC-06206-S | LEAD        | 13.40  |      | 0.20  | UG/G  | A        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12434005 |          | QT2011.0 | 10/8/96  | 0000024154 | 10/8/96      |
| SC-06206-S | RADIUM-226  | 1.07   | 0.12 | 0.39  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4143  |          | WP0160.0 | 11/18/96 | 0000024154 | 10/8/96      |
| SC-06206-S | RADIUM-228  | 1.44   | 0.19 | 0.63  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4143  |          | WP0160.0 | 11/18/96 | 0000024154 | 10/8/96      |
| SC-06206-S | THORIUM-230 | 0.82   | 0.08 | 0.72  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4143  |          | WP0160.0 | 10/12/96 | 0000024154 | 10/8/96      |
| SC-06206-S | URANIUM-238 | ND     |      | 4.87  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4143  |          | WP0160.0 | 11/18/96 | 0000024154 | 10/8/96      |
| SC-06206-S | URANIUM-238 | 7.41   | 1.11 | 3.03  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4135  |          | WP0159.0 | 10/11/96 | 0000024155 | 10/8/96      |
| SC-06206-S | AROCOR-1248 | ND     |      | 37.00 | UG/KG | U        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434006 | U        | QT2011.0 | 10/11/96 | 0000024156 | 10/8/96      |
| SC-06206-S | AROCOR-1254 | 690.00 |      | 37.00 | UG/KG | A        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434006 |          | QT2011.0 | 10/11/96 | 0000024156 | 10/8/96      |
| SC-06206-S | AROCOR-1260 | ND     |      | 37.00 | UG/KG | U        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434006 | U        | QT2011.0 | 10/11/96 | 0000024156 | 10/8/96      |
| SC-06206-S | ARSENIC     | 6.80   |      | 0.40  | UG/G  | A        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12434006 |          | QT2011.0 | 10/8/96  | 0000024156 | 10/8/96      |
| SC-06206-S | CHROMIUM    | 18.10  |      | 0.33  | UG/G  | A        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12434006 |          | QT2011.0 | 10/8/96  | 0000024156 | 10/8/96      |
| SC-06206-S | LEAD        | 18.10  |      | 0.18  | UG/G  | A        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12434006 |          | QT2011.0 | 10/8/96  | 0000024156 | 10/8/96      |
| SC-06209-S | RADIUM-226  | 1.38   | 0.10 | 0.34  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4144  |          | WP0160.0 | 11/18/96 | 0000024156 | 10/8/96      |
| SC-06209-S | RADIUM-228  | 1.24   | 0.14 | 0.55  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4144  |          | WP0160.0 | 11/18/96 | 0000024156 | 10/8/96      |
| SC-06209-S | THORIUM-230 | 1.38   | 0.15 | 0.72  | PC/G  | *        |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC4144  |          | WP0160.0 | 10/12/96 | 0000024156 | 10/8/96      |
| SC-06209-S | URANIUM-238 | 7.46   | 1.23 | 3.54  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4144  |          | WP0160.0 | 11/18/96 | 0000024156 | 10/8/96      |
| SC-06210-S | AROCOR-1248 | ND     |      | 38.00 | UG/KG | U        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434007 | U        | QT2011.0 | 10/12/96 | 0000024157 | 10/8/96      |
| SC-06210-S | AROCOR-1254 | 290.00 |      | 38.00 | UG/KG | A        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434007 |          | QT2011.0 | 10/12/96 | 0000024157 | 10/8/96      |
| SC-06210-S | AROCOR-1260 | ND     |      | 38.00 | UG/KG | U        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12434007 | U        | QT2011.0 | 10/12/96 | 0000024157 | 10/8/96      |
| SC-06210-S | ARSENIC     | 10.60  |      | 0.41  | UG/G  | A        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12434007 |          | QT2011.0 | 10/8/96  | 0000024157 | 10/8/96      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL   | LAB      | LAB  | LAB      | DATE     | SAMPLINK   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|------|----------|----------|------------|---------|
|            |             |       |      |       |       |     |      |          |           |        |               | FACT | ID       | QUAL | REQD     | ANA      |            | SAMPLED |
| SC-06210-S | CHROMIUM    | 17.50 |      | 0.34  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434007 |      | QT2011.0 | 10/8/96  | 0000024157 | 10/8/96 |
| SC-06210-S | LEAD        | 18.20 |      | 0.18  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434007 |      | QT2011.0 | 10/8/96  | 0000024157 | 10/8/96 |
| SC-06210-S | RADIUM-226  | 1.44  | 0.11 | 0.38  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4145  |      | WP0180.0 | 11/18/96 | 0000024157 | 10/8/96 |
| SC-06210-S | RADIUM-228  | 1.18  | 0.14 | 0.53  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4145  |      | WP0180.0 | 11/18/96 | 0000024157 | 10/8/96 |
| SC-06210-S | THORIUM-230 | 1.18  | 0.12 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC4145  |      | WP0180.0 | 10/12/96 | 0000024157 | 10/8/96 |
| SC-06210-S | URANIUM-238 | 7.75  | 1.21 | 2.59  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4145  |      | WP0180.0 | 11/18/96 | 0000024157 | 10/8/96 |
| SC-06211-C | URANIUM-238 | ND    |      | 4.47  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4137  |      | WP0159.0 | 10/11/96 | 0000024159 | 10/8/96 |
| SC-06211-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434008 | U    | QT2011.0 | 10/12/96 | 0000024158 | 10/8/96 |
| SC-06211-S | AROCOR-1254 | 54.00 |      | 41.00 | UG/KG | A   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434008 |      | QT2011.0 | 10/12/96 | 0000024158 | 10/8/96 |
| SC-06211-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434008 | U    | QT2011.0 | 10/12/96 | 0000024158 | 10/8/96 |
| SC-06211-S | ARSENIC     | 7.30  |      | 0.44  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434008 |      | QT2011.0 | 10/8/96  | 0000024158 | 10/8/96 |
| SC-06211-S | CHROMIUM    | 15.20 |      | 0.37  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434008 |      | QT2011.0 | 10/8/96  | 0000024158 | 10/8/96 |
| SC-06211-S | LEAD        | 18.10 |      | 0.20  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434008 |      | QT2011.0 | 10/8/96  | 0000024158 | 10/8/96 |
| SC-06211-S | RADIUM-226  | 1.32  | 0.12 | 0.38  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4146  |      | WP0180.0 | 11/18/96 | 0000024158 | 10/8/96 |
| SC-06211-S | RADIUM-228  | 0.94  | 0.17 | 0.73  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4146  |      | WP0180.0 | 11/18/96 | 0000024158 | 10/8/96 |
| SC-06211-S | THORIUM-230 | 1.21  | 0.14 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC4146  |      | WP0180.0 | 10/12/96 | 0000024158 | 10/8/96 |
| SC-06211-S | URANIUM-238 | 7.34  | 1.32 | 2.91  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4146  |      | WP0180.0 | 11/18/96 | 0000024158 | 10/8/96 |
| SC-06212-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434009 | U    | QT2011.0 | 10/11/96 | 0000024160 | 10/8/96 |
| SC-06212-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434009 | U    | QT2011.0 | 10/11/96 | 0000024160 | 10/8/96 |
| SC-06212-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434009 | U    | QT2011.0 | 10/11/96 | 0000024160 | 10/8/96 |
| SC-06212-S | ARSENIC     | 18.80 |      | 0.45  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434009 |      | QT2011.0 | 10/8/96  | 0000024160 | 10/8/96 |
| SC-06212-S | CHROMIUM    | 13.10 |      | 0.37  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434009 |      | QT2011.0 | 10/8/96  | 0000024160 | 10/8/96 |
| SC-06212-S | LEAD        | 15.60 |      | 0.20  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434009 |      | QT2011.0 | 10/8/96  | 0000024160 | 10/8/96 |
| SC-06212-S | RADIUM-226  | 1.03  | 0.14 | 0.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4147  |      | WP0180.0 | 11/18/96 | 0000024160 | 10/8/96 |
| SC-06212-S | RADIUM-228  | 1.40  | 0.18 | 0.46  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4147  |      | WP0180.0 | 11/18/96 | 0000024160 | 10/8/96 |
| SC-06212-S | THORIUM-230 | 0.84  | 0.08 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC4147  |      | WP0180.0 | 10/12/96 | 0000024160 | 10/8/96 |
| SC-06212-S | URANIUM-238 | -1.61 | 0.93 | 2.98  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4147  |      | WP0180.0 | 11/18/96 | 0000024160 | 10/8/96 |
| SC-06214-S | URANIUM-238 | ND    |      | 3.23  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4138  |      | WP0159.0 | 10/10/96 | 0000024161 | 10/8/96 |
| SC-06215-S | AROCOR-1248 | ND    |      | 37.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434010 | U    | QT2011.0 | 10/11/96 | 0000024162 | 10/8/96 |
| SC-06215-S | AROCOR-1254 | ND    |      | 37.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434010 | U    | QT2011.0 | 10/11/96 | 0000024162 | 10/8/96 |
| SC-06215-S | AROCOR-1260 | ND    |      | 37.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434010 | U    | QT2011.0 | 10/11/96 | 0000024162 | 10/8/96 |
| SC-06215-S | ARSENIC     | 8.30  |      | 0.41  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434010 |      | QT2011.0 | 10/8/96  | 0000024162 | 10/8/96 |
| SC-06215-S | CHROMIUM    | 15.90 |      | 0.34  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434010 |      | QT2011.0 | 10/8/96  | 0000024162 | 10/8/96 |
| SC-06215-S | LEAD        | 10.20 |      | 0.18  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434010 |      | QT2011.0 | 10/8/96  | 0000024162 | 10/8/96 |
| SC-06215-S | RADIUM-226  | 1.47  | 0.10 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4148  |      | WP0180.0 | 11/18/96 | 0000024162 | 10/8/96 |
| SC-06215-S | RADIUM-228  | 1.09  | 0.12 | 0.37  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4148  |      | WP0180.0 | 11/18/96 | 0000024162 | 10/8/96 |
| SC-06215-S | THORIUM-230 | 0.99  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC4148  |      | WP0180.0 | 10/12/96 | 0000024162 | 10/8/96 |
| SC-06215-S | URANIUM-238 | ND    |      | 3.19  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4148  |      | WP0180.0 | 11/18/96 | 0000024162 | 10/8/96 |
| SC-06216-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434011 | U    | QT2011.0 | 10/14/96 | 0000024163 | 10/8/96 |
| SC-06216-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434011 | U    | QT2011.0 | 10/14/96 | 0000024163 | 10/8/96 |
| SC-06216-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434011 | U    | QT2011.0 | 10/14/96 | 0000024163 | 10/8/96 |
| SC-06216-S | ARSENIC     | 7.60  |      | 0.45  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434011 |      | QT2011.0 | 10/8/96  | 0000024163 | 10/8/96 |
| SC-06216-S | CHROMIUM    | 10.90 |      | 0.37  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434011 |      | QT2011.0 | 10/8/96  | 0000024163 | 10/8/96 |
| SC-06216-S | LEAD        | 17.60 |      | 0.20  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434011 |      | QT2011.0 | 10/8/96  | 0000024163 | 10/8/96 |
| SC-06216-S | RADIUM-226  | 1.34  | 0.12 | 0.29  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4149  |      | WP0180.0 | 11/18/96 | 0000024163 | 10/8/96 |
| SC-06216-S | RADIUM-228  | ND    |      | 1.18  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4149  |      | WP0180.0 | 11/18/96 | 0000024163 | 10/8/96 |
| SC-06216-S | THORIUM-230 | 1.14  | 0.13 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC4149  |      | WP0180.0 | 10/12/96 | 0000024163 | 10/8/96 |
| SC-06216-S | URANIUM-238 | ND    |      | 4.38  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4149  |      | WP0180.0 | 11/18/96 | 0000024163 | 10/8/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB  | LAB      | DATE     | SAMPLING   | DATE    |
|------------|-------------|--------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|------|----------|----------|------------|---------|
|            |             |        |      |       |       |     |      |          |           |        |               | FACT | ID       | QUAL | REQU     | ANA      | LINK       | SAMPLED |
| SC-06217-S | AROCOR-1248 | ND     |      | 37.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434012 | U    | QT2011.0 | 10/11/98 | 0000024184 | 10/8/98 |
| SC-06217-S | AROCOR-1254 | 370.00 |      | 37.00 | UG/KG | A   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434012 |      | QT2011.0 | 10/11/98 | 0000024184 | 10/8/98 |
| SC-06217-S | AROCOR-1260 | ND     |      | 37.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434012 | U    | QT2011.0 | 10/11/98 | 0000024184 | 10/8/98 |
| SC-06217-S | ARSENIC     | 8.20   |      | 0.41  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434012 |      | QT2011.0 | 10/9/98  | 0000024184 | 10/8/98 |
| SC-06217-S | CHROMIUM    | 21.50  |      | 0.34  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434012 |      | QT2011.0 | 10/9/98  | 0000024184 | 10/8/98 |
| SC-06217-S | LEAD        | 28.70  |      | 0.18  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434012 |      | QT2011.0 | 10/9/98  | 0000024184 | 10/8/98 |
| SC-06217-S | RADIUM-226  | 1.48   | 0.13 | 0.40  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4150  |      | WP0180.0 | 11/18/98 | 0000024184 | 10/8/98 |
| SC-06217-S | RADIUM-228  | 2.28   | 0.22 | 0.69  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4150  |      | WP0180.0 | 11/18/98 | 0000024184 | 10/8/98 |
| SC-06217-S | THORIUM-230 | 1.73   | 0.17 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC4150  |      | WP0180.0 | 10/12/98 | 0000024184 | 10/8/98 |
| SC-06217-S | URANIUM-238 | 43.10  | 4.56 | 8.82  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4150  |      | WP0180.0 | 11/18/98 | 0000024184 | 10/8/98 |
| SC-06218-S | AROCOR-1248 | ND     |      | 38.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434013 | U    | QT2011.0 | 10/12/98 | 0000024185 | 10/8/98 |
| SC-06218-S | AROCOR-1254 | 120.00 |      | 38.00 | UG/KG | J   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434013 |      | QT2011.0 | 10/12/98 | 0000024185 | 10/8/98 |
| SC-06218-S | AROCOR-1260 | ND     |      | 38.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12434013 | U    | QT2011.0 | 10/12/98 | 0000024185 | 10/8/98 |
| SC-06218-S | ARSENIC     | 9.00   |      | 0.41  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434013 |      | QT2011.0 | 10/9/98  | 0000024185 | 10/8/98 |
| SC-06218-S | CHROMIUM    | 22.80  |      | 0.34  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434013 |      | QT2011.0 | 10/9/98  | 0000024185 | 10/8/98 |
| SC-06218-S | LEAD        | 11.80  |      | 0.18  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12434013 |      | QT2011.0 | 10/9/98  | 0000024185 | 10/8/98 |
| SC-06218-S | RADIUM-226  | 1.58   | 0.10 | 0.30  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4151  |      | WP0180.0 | 11/18/98 | 0000024185 | 10/8/98 |
| SC-06218-S | RADIUM-228  | 1.23   | 0.14 | 0.68  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4151  |      | WP0180.0 | 11/18/98 | 0000024185 | 10/8/98 |
| SC-06218-S | THORIUM-230 | 1.64   | 0.17 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC4151  |      | WP0180.0 | 10/12/98 | 0000024185 | 10/8/98 |
| SC-06218-S | URANIUM-238 | 7.92   | 1.21 | 3.08  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC4151  |      | WP0180.0 | 11/18/98 | 0000024185 | 10/8/98 |
| SC-06220-S | RADIUM-226  | 1.67   | 0.13 | 0.29  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3801  |      | WP0138.0 | 10/25/98 | 0000024188 | 9/8/98  |
| SC-06220-S | RADIUM-228  | 1.58   | 0.20 | 0.60  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3801  |      | WP0138.0 | 10/25/98 | 0000024188 | 9/8/98  |
| SC-06220-S | URANIUM-238 | ND     |      | 4.21  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3801  |      | WP0138.0 | 10/25/98 | 0000024188 | 9/8/98  |
| SC-06221-S | RADIUM-226  | 1.80   | 0.10 | 0.38  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3802  |      | WP0138.0 | 10/25/98 | 0000024187 | 9/8/98  |
| SC-06221-S | RADIUM-228  | 1.23   | 0.12 | 0.43  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3802  |      | WP0138.0 | 10/25/98 | 0000024187 | 9/8/98  |
| SC-06221-S | URANIUM-238 | 2.80   | 0.87 | 2.37  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3802  |      | WP0138.0 | 10/25/98 | 0000024187 | 9/8/98  |
| SC-06222-S | AROCOR-1248 | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029011 | U    | QT1477.0 | 9/9/98   | 0000024188 | 9/8/98  |
| SC-06222-S | AROCOR-1254 | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029011 | U    | QT1477.0 | 9/9/98   | 0000024188 | 9/8/98  |
| SC-06222-S | AROCOR-1260 | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029011 | U    | QT1477.0 | 9/9/98   | 0000024188 | 9/8/98  |
| SC-06222-S | ARSENIC     | 19.10  |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029011 |      | QT1477.0 | 9/7/98   | 0000024188 | 9/8/98  |
| SC-06222-S | CHROMIUM    | 22.20  |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029011 |      | QT1477.0 | 9/7/98   | 0000024188 | 9/8/98  |
| SC-06222-S | LEAD        | 18.00  |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029011 |      | QT1477.0 | 9/7/98   | 0000024188 | 9/8/98  |
| SC-06222-S | RADIUM-226  | 1.55   | 0.13 | 0.28  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3803  |      | WP0138.0 | 10/25/98 | 0000024188 | 9/8/98  |
| SC-06222-S | RADIUM-228  | 1.67   | 0.21 | 0.68  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3803  |      | WP0138.0 | 10/25/98 | 0000024188 | 9/8/98  |
| SC-06222-S | THORIUM-230 | 1.38   | 0.17 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3803  |      | WP0138.0 | 10/25/98 | 0000024188 | 9/8/98  |
| SC-06222-S | URANIUM-238 | 5.18   | 1.83 | 4.70  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3803  |      | WP0138.0 | 10/25/98 | 0000024188 | 9/8/98  |
| SC-06223-S | AROCOR-1248 | ND     |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029012 | U    | QT1477.0 | 9/9/98   | 0000024188 | 9/8/98  |
| SC-06223-S | AROCOR-1254 | ND     |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029012 | U    | QT1477.0 | 9/9/98   | 0000024188 | 9/8/98  |
| SC-06223-S | AROCOR-1260 | ND     |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029012 | U    | QT1477.0 | 9/9/98   | 0000024188 | 9/8/98  |
| SC-06223-S | ARSENIC     | 9.90   |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029012 |      | QT1477.0 | 9/7/98   | 0000024188 | 9/8/98  |
| SC-06223-S | CHROMIUM    | 18.20  |      | 0.60  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029012 |      | QT1477.0 | 9/7/98   | 0000024188 | 9/8/98  |
| SC-06223-S | LEAD        | 21.40  |      | 0.38  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12029012 |      | QT1477.0 | 9/7/98   | 0000024188 | 9/8/98  |
| SC-06223-S | RADIUM-226  | 1.58   | 0.10 | 0.31  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3804  |      | WP0138.0 | 10/25/98 | 0000024189 | 9/8/98  |
| SC-06223-S | RADIUM-228  | 1.37   | 0.15 | 0.44  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3804  |      | WP0138.0 | 10/25/98 | 0000024189 | 9/8/98  |
| SC-06223-S | THORIUM-230 | 1.18   | 0.13 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3804  |      | WP0138.0 | 10/25/98 | 0000024189 | 9/8/98  |
| SC-06223-S | URANIUM-238 | 7.07   | 1.10 | 3.00  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3804  |      | WP0138.0 | 10/25/98 | 0000024189 | 9/8/98  |
| SC-06224-S | AROCOR-1248 | ND     |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029013 | U    | QT1477.0 | 9/9/98   | 0000024170 | 9/8/98  |
| SC-06224-S | AROCOR-1254 | ND     |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12029013 | U    | QT1477.0 | 9/9/98   | 0000024170 | 9/8/98  |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC    | ERR  | DL     | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL   | LAB      | LAB | LAB      | DATE     | SAMPLE     | DATE    |
|------------|-------------|---------|------|--------|-------|-----|------|----------|-----------|--------|---------------|-------|----------|-----|----------|----------|------------|---------|
| SC-06224-S | AROCOR-1260 | ND      |      | 44.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00  | 12029013 | U   | QT1477.0 | 9/9/96   | 0000024170 | 9/6/96  |
| SC-06224-S | ARSENIC     | 8.30    |      | 0.54   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00  | 12029013 |     | QT1477.0 | 9/7/96   | 0000024170 | 9/6/96  |
| SC-06224-S | CHROMIUM    | 20.80   |      | 0.52   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00  | 12029013 |     | QT1477.0 | 9/7/96   | 0000024170 | 9/6/96  |
| SC-06224-S | LEAD        | 11.40   |      | 0.38   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00  | 12029013 |     | QT1477.0 | 9/7/96   | 0000024170 | 9/6/96  |
| SC-06224-S | RADIUM-226  | 1.50    | 0.13 | 0.38   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00  | WSC3805  |     | WP0138.0 | 10/25/96 | 0000024170 | 9/6/96  |
| SC-06224-S | RADIUM-228  | 1.30    | 0.20 | 0.48   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00  | WSC3805  |     | WP0138.0 | 10/25/96 | 0000024170 | 9/6/96  |
| SC-06224-S | THORIUM-230 | 1.08    | 0.14 | 0.72   | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00  | WSC3805  |     | WP0138.0 | 9/10/96  | 0000024170 | 9/6/96  |
| SC-06224-S | URANIUM-238 | 4.09    | 0.98 | 3.05   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00  | WSC3805  |     | WP0138.0 | 10/25/96 | 0000024170 | 9/6/96  |
| SC-06302-S | AROCOR-1248 | ND      |      | 360.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 10.00 | 12219003 | U   | QT1495.0 | 9/23/96  | 0000024171 | 9/19/96 |
| SC-06302-S | AROCOR-1254 | 1900.00 |      | 360.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 10.00 | 12219003 |     | QT1495.0 | 9/23/96  | 0000024171 | 9/19/96 |
| SC-06302-S | AROCOR-1260 | ND      |      | 360.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 10.00 | 12219003 | U   | QT1495.0 | 9/23/96  | 0000024171 | 9/19/96 |
| SC-06302-S | ARSENIC     | 8.70    |      | 0.44   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00  | 12219003 |     | QT1495.0 | 9/20/96  | 0000024171 | 9/19/96 |
| SC-06302-S | CHROMIUM    | 13.80   |      | 0.51   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00  | 12219003 |     | QT1495.0 | 9/20/96  | 0000024171 | 9/19/96 |
| SC-06302-S | LEAD        | 15.90   |      | 0.31   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00  | 12219003 |     | QT1495.0 | 9/20/96  | 0000024171 | 9/19/96 |
| SC-06302-S | RADIUM-226  | 1.23    | 0.10 | 0.31   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00  | WSC3799  |     | WP0146.0 | 10/30/96 | 0000024171 | 9/19/96 |
| SC-06302-S | RADIUM-228  | 1.18    | 0.12 | 0.44   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00  | WSC3799  |     | WP0146.0 | 10/30/96 | 0000024171 | 9/19/96 |
| SC-06302-S | THORIUM-230 | 1.54    | 0.20 | 0.72   | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00  | WSC3799  |     | WP0146.0 | 9/22/96  | 0000024171 | 9/19/96 |
| SC-06302-S | URANIUM-238 | 11.10   | 1.44 | 2.67   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00  | WSC3799  |     | WP0146.0 | 10/30/96 | 0000024171 | 9/19/96 |
| SC-06303-S | AROCOR-1248 | ND      |      | 36.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00  | 12219004 | U   | QT1495.0 | 9/23/96  | 0000024172 | 9/19/96 |
| SC-06303-S | AROCOR-1254 | ND      |      | 36.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00  | 12219004 | U   | QT1495.0 | 9/23/96  | 0000024172 | 9/19/96 |
| SC-06303-S | AROCOR-1260 | ND      |      | 36.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00  | 12219004 | U   | QT1495.0 | 9/23/96  | 0000024172 | 9/19/96 |
| SC-06303-S | ARSENIC     | 8.40    |      | 0.47   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00  | 12219004 |     | QT1495.0 | 9/20/96  | 0000024172 | 9/19/96 |
| SC-06303-S | CHROMIUM    | 14.80   |      | 0.54   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00  | 12219004 |     | QT1495.0 | 9/20/96  | 0000024172 | 9/19/96 |
| SC-06303-S | LEAD        | 18.10   |      | 0.38   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00  | 12219004 |     | QT1495.0 | 9/20/96  | 0000024172 | 9/19/96 |
| SC-06303-S | RADIUM-226  | 1.54    | 0.13 | 0.41   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00  | WSC3800  |     | WP0146.0 | 10/30/96 | 0000024172 | 9/19/96 |
| SC-06303-S | RADIUM-228  | 1.12    | 0.18 | 0.58   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00  | WSC3800  |     | WP0146.0 | 10/30/96 | 0000024172 | 9/19/96 |
| SC-06303-S | THORIUM-230 | 1.29    | 0.14 | 0.72   | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00  | WSC3800  |     | WP0146.0 | 9/22/96  | 0000024172 | 9/19/96 |
| SC-06303-S | URANIUM-238 | ND      |      | 4.03   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00  | WSC3800  |     | WP0146.0 | 10/30/96 | 0000024172 | 9/19/96 |
| SC-06304-C | AROCOR-1248 | ND      |      | 40.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00  | 12219005 | U   | QT1495.0 | 9/23/96  | 0000024174 | 9/19/96 |
| SC-06304-C | AROCOR-1254 | ND      |      | 40.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00  | 12219005 | U   | QT1495.0 | 9/23/96  | 0000024174 | 9/19/96 |
| SC-06304-C | AROCOR-1260 | ND      |      | 40.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00  | 12219005 | U   | QT1495.0 | 9/23/96  | 0000024174 | 9/19/96 |
| SC-06304-C | ARSENIC     | 8.80    |      | 0.48   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00  | 12219005 |     | QT1495.0 | 9/20/96  | 0000024174 | 9/19/96 |
| SC-06304-C | CHROMIUM    | 16.80   |      | 0.55   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00  | 12219005 |     | QT1495.0 | 9/20/96  | 0000024174 | 9/19/96 |
| SC-06304-C | LEAD        | 11.80   |      | 0.33   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00  | 12219005 |     | QT1495.0 | 9/20/96  | 0000024174 | 9/19/96 |
| SC-06304-C | RADIUM-226  | 1.29    | 0.10 | 0.28   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00  | WSC3801  |     | WP0146.0 | 10/30/96 | 0000024174 | 9/19/96 |
| SC-06304-C | RADIUM-228  | 1.37    | 0.14 | 0.52   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00  | WSC3801  |     | WP0146.0 | 10/30/96 | 0000024174 | 9/19/96 |
| SC-06304-C | THORIUM-230 | 1.06    | 0.12 | 0.72   | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00  | WSC3801  |     | WP0146.0 | 9/22/96  | 0000024174 | 9/19/96 |
| SC-06304-C | URANIUM-238 | ND      |      | 3.16   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00  | WSC3801  |     | WP0146.0 | 10/30/96 | 0000024174 | 9/19/96 |
| SC-06304-S | AROCOR-1248 | ND      |      | 40.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00  | 12219006 | U   | QT1495.0 | 9/23/96  | 0000024173 | 9/19/96 |
| SC-06304-S | AROCOR-1254 | ND      |      | 40.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00  | 12219006 | U   | QT1495.0 | 9/23/96  | 0000024173 | 9/19/96 |
| SC-06304-S | AROCOR-1260 | ND      |      | 40.00  | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00  | 12219006 | U   | QT1495.0 | 9/23/96  | 0000024173 | 9/19/96 |
| SC-06304-S | ARSENIC     | 8.30    |      | 0.48   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00  | 12219006 |     | QT1495.0 | 9/20/96  | 0000024173 | 9/19/96 |
| SC-06304-S | CHROMIUM    | 18.00   |      | 0.55   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00  | 12219006 |     | QT1495.0 | 9/20/96  | 0000024173 | 9/19/96 |
| SC-06304-S | LEAD        | 15.40   |      | 0.34   | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00  | 12219006 |     | QT1495.0 | 9/20/96  | 0000024173 | 9/19/96 |
| SC-06304-S | RADIUM-226  | 1.34    | 0.13 | 0.37   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00  | WSC3802  |     | WP0146.0 | 10/30/96 | 0000024173 | 9/19/96 |
| SC-06304-S | RADIUM-228  | 1.62    | 0.22 | 0.64   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00  | WSC3802  |     | WP0146.0 | 10/30/96 | 0000024173 | 9/19/96 |
| SC-06304-S | THORIUM-230 | 1.10    | 0.13 | 0.72   | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00  | WSC3802  |     | WP0146.0 | 9/25/96  | 0000024173 | 9/19/96 |
| SC-06304-S | URANIUM-238 | -1.63   | 0.91 | 2.86   | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00  | WSC3802  |     | WP0146.0 | 10/30/96 | 0000024173 | 9/19/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER    | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DRL  | LAB ID   | LAB QUAL | LAB REQU | DATE     | SAMPLINK   | DATE    |
|------------|--------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|----------|----------|----------|------------|---------|
| SC-06305-S | AROCLOL-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219007 | U        | QT1495.0 | 9/23/96  | 0000024175 | 9/19/96 |
| SC-06305-S | AROCLOL-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219007 | U        | QT1495.0 | 9/23/96  | 0000024175 | 9/19/96 |
| SC-06305-S | AROCLOL-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219007 | U        | QT1495.0 | 9/23/96  | 0000024175 | 9/19/96 |
| SC-06305-S | ARSENIC      | 9.40  |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219007 |          | QT1495.0 | 9/20/96  | 0000024175 | 9/19/96 |
| SC-06305-S | CHROMIUM     | 26.00 |      | 0.56  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219007 |          | QT1495.0 | 9/20/96  | 0000024175 | 9/19/96 |
| SC-06305-S | LEAD         | 22.90 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219007 |          | QT1495.0 | 9/20/96  | 0000024175 | 9/19/96 |
| SC-06305-S | RADIUM-226   | 1.37  | 0.10 | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3803  |          | WP0146.0 | 10/30/96 | 0000024175 | 9/19/96 |
| SC-06305-S | RADIUM-228   | 1.46  | 0.14 | 0.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3803  |          | WP0146.0 | 10/30/96 | 0000024175 | 9/19/96 |
| SC-06305-S | THORIUM-230  | 0.91  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3803  |          | WP0146.0 | 9/22/96  | 0000024175 | 9/19/96 |
| SC-06305-S | URANIUM-238  | 9.09  | 1.58 | 3.59  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3803  |          | WP0146.0 | 10/30/96 | 0000024175 | 9/19/96 |
| SC-06305-S | AROCLOL-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219008 | U        | QT1495.0 | 9/22/96  | 0000024176 | 9/19/96 |
| SC-06305-S | AROCLOL-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219008 | U        | QT1495.0 | 9/22/96  | 0000024176 | 9/19/96 |
| SC-06305-S | AROCLOL-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219008 | U        | QT1495.0 | 9/22/96  | 0000024176 | 9/19/96 |
| SC-06305-S | ARSENIC      | 8.80  |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219008 |          | QT1495.0 | 9/20/96  | 0000024176 | 9/19/96 |
| SC-06305-S | CHROMIUM     | 12.90 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219008 |          | QT1495.0 | 9/20/96  | 0000024176 | 9/19/96 |
| SC-06305-S | LEAD         | 9.70  |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219008 |          | QT1495.0 | 9/20/96  | 0000024176 | 9/19/96 |
| SC-06305-S | RADIUM-226   | 1.12  | 0.13 | 0.43  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3804  |          | WP0146.0 | 10/30/96 | 0000024176 | 9/19/96 |
| SC-06305-S | RADIUM-228   | 1.29  | 0.16 | 0.62  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3804  |          | WP0146.0 | 10/30/96 | 0000024176 | 9/19/96 |
| SC-06305-S | THORIUM-230  | 0.91  | 0.09 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3804  |          | WP0146.0 | 9/23/96  | 0000024176 | 9/19/96 |
| SC-06305-S | URANIUM-238  | 49.40 | 5.81 | 7.16  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3804  |          | WP0146.0 | 10/30/96 | 0000024176 | 9/19/96 |
| SC-06305-S | AROCLOL-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219009 | U        | QT1495.0 | 9/23/96  | 0000024177 | 9/19/96 |
| SC-06305-S | AROCLOL-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219009 | U        | QT1495.0 | 9/23/96  | 0000024177 | 9/19/96 |
| SC-06305-S | AROCLOL-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219009 | U        | QT1495.0 | 9/23/96  | 0000024177 | 9/19/96 |
| SC-06305-S | ARSENIC      | 9.00  |      | 0.43  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219009 |          | QT1495.0 | 9/20/96  | 0000024177 | 9/19/96 |
| SC-06305-S | CHROMIUM     | 14.80 |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219009 |          | QT1495.0 | 9/20/96  | 0000024177 | 9/19/96 |
| SC-06305-S | LEAD         | 16.90 |      | 0.30  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219009 |          | QT1495.0 | 9/20/96  | 0000024177 | 9/19/96 |
| SC-06305-S | RADIUM-226   | 1.45  | 0.11 | 0.34  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3806  |          | WP0146.0 | 10/30/96 | 0000024177 | 9/19/96 |
| SC-06305-S | RADIUM-228   | 1.68  | 0.15 | 0.56  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3806  |          | WP0146.0 | 10/30/96 | 0000024177 | 9/19/96 |
| SC-06305-S | THORIUM-230  | 1.10  | 0.13 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3806  |          | WP0146.0 | 9/23/96  | 0000024177 | 9/19/96 |
| SC-06305-S | URANIUM-238  | 11.90 | 1.48 | 3.02  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3806  |          | WP0146.0 | 10/30/96 | 0000024177 | 9/19/96 |
| SC-06305-S | AROCLOL-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219010 | U        | QT1495.0 | 9/22/96  | 0000024178 | 9/19/96 |
| SC-06305-S | AROCLOL-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219010 | U        | QT1495.0 | 9/22/96  | 0000024178 | 9/19/96 |
| SC-06305-S | AROCLOL-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219010 | U        | QT1495.0 | 9/22/96  | 0000024178 | 9/19/96 |
| SC-06305-S | ARSENIC      | 8.70  |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219010 |          | QT1495.0 | 9/20/96  | 0000024178 | 9/19/96 |
| SC-06305-S | CHROMIUM     | 18.80 |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219010 |          | QT1495.0 | 9/20/96  | 0000024178 | 9/19/96 |
| SC-06305-S | LEAD         | 10.90 |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219010 |          | QT1495.0 | 9/20/96  | 0000024178 | 9/19/96 |
| SC-06305-S | RADIUM-226   | 1.39  | 0.12 | 0.29  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3808  |          | WP0146.0 | 11/1/96  | 0000024178 | 9/19/96 |
| SC-06305-S | RADIUM-228   | 1.42  | 0.18 | 0.85  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3808  |          | WP0146.0 | 11/1/96  | 0000024178 | 9/19/96 |
| SC-06305-S | THORIUM-230  | 1.17  | 0.14 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3808  |          | WP0146.0 | 9/24/96  | 0000024178 | 9/19/96 |
| SC-06305-S | URANIUM-238  | 8.05  | 1.29 | 3.69  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3808  |          | WP0146.0 | 11/1/96  | 0000024178 | 9/19/96 |
| SC-06310-S | AROCLOL-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219011 | U        | QT1495.0 | 9/22/96  | 0000024179 | 9/19/96 |
| SC-06310-S | AROCLOL-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219011 | U        | QT1495.0 | 9/22/96  | 0000024179 | 9/19/96 |
| SC-06310-S | AROCLOL-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219011 | U        | QT1495.0 | 9/22/96  | 0000024179 | 9/19/96 |
| SC-06310-S | ARSENIC      | 8.80  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219011 |          | QT1495.0 | 9/20/96  | 0000024179 | 9/19/96 |
| SC-06310-S | CHROMIUM     | 19.40 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219011 |          | QT1495.0 | 9/20/96  | 0000024179 | 9/19/96 |
| SC-06310-S | LEAD         | 14.20 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219011 |          | QT1495.0 | 9/20/96  | 0000024179 | 9/19/96 |
| SC-06310-S | RADIUM-226   | 1.60  | 0.11 | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3807  |          | WP0146.0 | 11/1/96  | 0000024179 | 9/19/96 |
| SC-06310-S | RADIUM-228   | 1.22  | 0.13 | 0.50  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3807  |          | WP0146.0 | 11/1/96  | 0000024179 | 9/19/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL<br>QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL<br>FACT | LAB<br>ID | LAB<br>QUAL | LAB<br>REQD | DATE<br>ANA | SAMPLINK   | DATE<br>SAMPLED |
|------------|-------------|-------|------|-------|-------|-------------|----------|-----------|--------|---------------|------------|-----------|-------------|-------------|-------------|------------|-----------------|
| SC-06310-S | THORIUM-230 | 1.14  | 0.15 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3807   |             | WP0146.0    | 9/24/96     | 0000024179 | 9/19/96         |
| SC-06310-S | URANIUM-238 | ND    |      | 3.58  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3807   |             | WP0146.0    | 11/1/96     | 0000024179 | 9/19/96         |
| SC-06311-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12219012  | U           | QT1495.0    | 9/22/96     | 0000024180 | 9/19/96         |
| SC-06311-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12219012  | U           | QT1495.0    | 9/22/96     | 0000024180 | 9/19/96         |
| SC-06311-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12219012  | U           | QT1495.0    | 9/22/96     | 0000024180 | 9/19/96         |
| SC-06311-S | ARSENIC     | 12.50 |      | 0.48  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12219012  |             | QT1495.0    | 9/20/96     | 0000024180 | 9/19/96         |
| SC-06311-S | CHROMIUM    | 17.60 |      | 0.55  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12219012  |             | QT1495.0    | 9/20/96     | 0000024180 | 9/19/96         |
| SC-06311-S | LEAD        | 21.20 |      | 0.34  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12219012  |             | QT1495.0    | 9/20/96     | 0000024180 | 9/19/96         |
| SC-06311-S | RADIUM-226  | 1.36  | 0.12 | 0.32  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3808   |             | WP0146.0    | 11/1/96     | 0000024180 | 9/19/96         |
| SC-06311-S | RADIUM-228  | 1.61  | 0.19 | 0.48  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3808   |             | WP0146.0    | 11/1/96     | 0000024180 | 9/19/96         |
| SC-06311-S | THORIUM-230 | 1.03  | 0.17 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3808   |             | WP0146.0    | 9/24/96     | 0000024180 | 9/19/96         |
| SC-06311-S | URANIUM-238 | ND    |      | 4.26  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3808   |             | WP0146.0    | 11/1/96     | 0000024180 | 9/19/96         |
| SC-06312-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12219013  | U           | QT1495.0    | 9/22/96     | 0000024181 | 9/19/96         |
| SC-06312-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12219013  | U           | QT1495.0    | 9/22/96     | 0000024181 | 9/19/96         |
| SC-06312-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12219013  | U           | QT1495.0    | 9/22/96     | 0000024181 | 9/19/96         |
| SC-06312-S | ARSENIC     | 7.90  |      | 0.48  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12219013  |             | QT1495.0    | 9/20/96     | 0000024181 | 9/19/96         |
| SC-06312-S | CHROMIUM    | 16.60 |      | 0.55  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12219013  |             | QT1495.0    | 9/20/96     | 0000024181 | 9/19/96         |
| SC-06312-S | LEAD        | 8.00  |      | 0.34  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12219013  |             | QT1495.0    | 9/20/96     | 0000024181 | 9/19/96         |
| SC-06312-S | RADIUM-226  | 1.26  | 0.06 | 0.27  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3809   |             | WP0146.0    | 11/1/96     | 0000024181 | 9/19/96         |
| SC-06312-S | RADIUM-228  | 1.26  | 0.14 | 0.40  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3809   |             | WP0146.0    | 11/1/96     | 0000024181 | 9/19/96         |
| SC-06312-S | THORIUM-230 | 0.74  | 0.06 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3809   |             | WP0146.0    | 9/24/96     | 0000024181 | 9/19/96         |
| SC-06312-S | URANIUM-238 | ND    |      | 3.49  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3809   |             | WP0146.0    | 11/1/96     | 0000024181 | 9/19/96         |
| SC-06314-S | AROCOR-1248 | ND    |      | 30.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12219014  | U           | QT1495.0    | 9/22/96     | 0000024182 | 9/19/96         |
| SC-06314-S | AROCOR-1254 | 89.00 |      | 35.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12219014  |             | QT1495.0    | 9/22/96     | 0000024182 | 9/19/96         |
| SC-06314-S | AROCOR-1260 | ND    |      | 35.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12219014  | U           | QT1495.0    | 9/22/96     | 0000024182 | 9/19/96         |
| SC-06314-S | ARSENIC     | 8.70  |      | 0.43  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12219014  |             | QT1495.0    | 9/20/96     | 0000024182 | 9/19/96         |
| SC-06314-S | CHROMIUM    | 16.80 |      | 0.50  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12219014  |             | QT1495.0    | 9/20/96     | 0000024182 | 9/19/96         |
| SC-06314-S | LEAD        | 15.50 |      | 0.30  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12219014  |             | QT1495.0    | 9/20/96     | 0000024182 | 9/19/96         |
| SC-06314-S | RADIUM-226  | 1.56  | 0.14 | 0.38  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3810   |             | WP0146.0    | 11/4/96     | 0000024182 | 9/19/96         |
| SC-06314-S | RADIUM-228  | 1.32  | 0.20 | 0.54  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3810   |             | WP0146.0    | 11/4/96     | 0000024182 | 9/19/96         |
| SC-06314-S | THORIUM-230 | 1.28  | 0.18 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3810   |             | WP0146.0    | 9/24/96     | 0000024182 | 9/19/96         |
| SC-06314-S | URANIUM-238 | 6.20  | 1.32 | 3.62  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3810   |             | WP0146.0    | 11/4/96     | 0000024182 | 9/19/96         |
| SC-06315-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12219015  | U           | QT1495.0    | 9/22/96     | 0000024183 | 9/19/96         |
| SC-06315-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12219015  | U           | QT1495.0    | 9/22/96     | 0000024183 | 9/19/96         |
| SC-06315-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12219015  | U           | QT1495.0    | 9/22/96     | 0000024183 | 9/19/96         |
| SC-06315-S | ARSENIC     | 8.60  |      | 0.48  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12219015  |             | QT1495.0    | 9/20/96     | 0000024183 | 9/19/96         |
| SC-06315-S | CHROMIUM    | 16.20 |      | 0.58  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12219015  |             | QT1495.0    | 9/20/96     | 0000024183 | 9/19/96         |
| SC-06315-S | LEAD        | 20.90 |      | 0.34  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12219015  |             | QT1495.0    | 9/20/96     | 0000024183 | 9/19/96         |
| SC-06315-S | RADIUM-226  | 1.47  | 0.11 | 0.34  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3811   |             | WP0146.0    | 11/4/96     | 0000024183 | 9/19/96         |
| SC-06315-S | RADIUM-228  | 1.35  | 0.15 | 0.58  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3811   |             | WP0146.0    | 11/4/96     | 0000024183 | 9/19/96         |
| SC-06315-S | THORIUM-230 | 1.16  | 0.13 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3811   |             | WP0146.0    | 9/24/96     | 0000024183 | 9/19/96         |
| SC-06315-S | URANIUM-238 | 3.84  | 0.90 | 3.28  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3811   |             | WP0146.0    | 11/4/96     | 0000024183 | 9/19/96         |
| SC-06316-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12219016  | U           | QT1495.0    | 9/23/96     | 0000024184 | 9/19/96         |
| SC-06316-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12219016  | U           | QT1495.0    | 9/23/96     | 0000024184 | 9/19/96         |
| SC-06316-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12219016  | U           | QT1495.0    | 9/23/96     | 0000024184 | 9/19/96         |
| SC-06316-S | ARSENIC     | 6.70  |      | 0.48  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12219016  |             | QT1495.0    | 9/20/96     | 0000024184 | 9/19/96         |
| SC-06316-S | CHROMIUM    | 14.10 |      | 0.58  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12219016  |             | QT1495.0    | 9/20/96     | 0000024184 | 9/19/96         |
| SC-06316-S | LEAD        | 11.20 |      | 0.34  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12219016  |             | QT1495.0    | 9/20/96     | 0000024184 | 9/19/96         |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB | LAB      | DATE    | SAMPLINK   | DATE    |
|------------|-------------|--------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|-----|----------|---------|------------|---------|
| SC-06316-S | RADIUM-226  | 1.08   | 0.12 | 0.42  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3812  |     | WP0148.0 | 11/4/96 | 0000024184 | 9/19/96 |
| SC-06316-S | RADIUM-226  | ND     |      | 1.30  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3812  |     | WP0148.0 | 11/4/96 | 0000024184 | 9/19/96 |
| SC-06316-S | THORIUM-230 | 1.33   | 0.15 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3812  |     | WP0148.0 | 9/24/96 | 0000024184 | 9/19/96 |
| SC-06316-S | URANIUM-238 | 10.80  | 1.81 | 4.28  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3812  |     | WP0148.0 | 11/4/96 | 0000024184 | 9/19/96 |
| SC-06317-S | AROCOR-1248 | ND     |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219017 | U   | QT1495.0 | 9/22/96 | 0000024185 | 9/19/96 |
| SC-06317-S | AROCOR-1254 | ND     |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219017 | U   | QT1495.0 | 9/22/96 | 0000024185 | 9/19/96 |
| SC-06317-S | AROCOR-1260 | ND     |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219017 | U   | QT1495.0 | 9/22/96 | 0000024185 | 9/19/96 |
| SC-06317-S | ARSENIC     | 7.10   |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219017 |     | QT1495.0 | 9/20/96 | 0000024185 | 9/19/96 |
| SC-06317-S | CHROMIUM    | 17.40  |      | 0.57  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219017 |     | QT1495.0 | 9/20/96 | 0000024185 | 9/19/96 |
| SC-06317-S | LEAD        | 11.00  |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219017 |     | QT1495.0 | 9/20/96 | 0000024185 | 9/19/96 |
| SC-06317-S | RADIUM-226  | 1.24   | 0.10 | 0.28  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3813  |     | WP0148.0 | 11/4/96 | 0000024185 | 9/19/96 |
| SC-06317-S | RADIUM-226  | 1.13   | 0.15 | 0.45  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3813  |     | WP0148.0 | 11/4/96 | 0000024185 | 9/19/96 |
| SC-06317-S | THORIUM-230 | 1.03   | 0.11 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3813  |     | WP0148.0 | 9/24/96 | 0000024185 | 9/19/96 |
| SC-06317-S | URANIUM-238 | 6.34   | 0.89 | 2.41  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3813  |     | WP0148.0 | 11/4/96 | 0000024185 | 9/19/96 |
| SC-06318-C | AROCOR-1248 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219019 | U   | QT1495.0 | 9/23/96 | 0000024186 | 9/19/96 |
| SC-06318-C | AROCOR-1254 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219019 | U   | QT1495.0 | 9/23/96 | 0000024186 | 9/19/96 |
| SC-06318-C | AROCOR-1260 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219019 | U   | QT1495.0 | 9/23/96 | 0000024186 | 9/19/96 |
| SC-06318-C | ARSENIC     | 6.00   |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219019 |     | QT1495.0 | 9/20/96 | 0000024186 | 9/19/96 |
| SC-06318-C | CHROMIUM    | 14.30  |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219019 |     | QT1495.0 | 9/20/96 | 0000024186 | 9/19/96 |
| SC-06318-C | LEAD        | 14.10  |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219019 |     | QT1495.0 | 9/20/96 | 0000024186 | 9/19/96 |
| SC-06318-C | RADIUM-226  | 1.17   | 0.11 | 0.34  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3815  |     | WP0148.0 | 11/4/96 | 0000024186 | 9/19/96 |
| SC-06318-C | RADIUM-226  | 1.06   | 0.18 | 0.50  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3815  |     | WP0148.0 | 11/4/96 | 0000024186 | 9/19/96 |
| SC-06318-C | THORIUM-230 | 1.04   | 0.11 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3815  |     | WP0148.0 | 9/24/96 | 0000024186 | 9/19/96 |
| SC-06318-S | AROCOR-1248 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219020 | U   | QT1495.0 | 9/23/96 | 0000024187 | 9/19/96 |
| SC-06318-S | AROCOR-1254 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219020 | U   | QT1495.0 | 9/23/96 | 0000024187 | 9/19/96 |
| SC-06318-S | AROCOR-1260 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219020 | U   | QT1495.0 | 9/23/96 | 0000024187 | 9/19/96 |
| SC-06318-S | ARSENIC     | 6.70   |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219020 |     | QT1495.0 | 9/20/96 | 0000024187 | 9/19/96 |
| SC-06318-S | CHROMIUM    | 18.10  |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219020 |     | QT1495.0 | 9/20/96 | 0000024187 | 9/19/96 |
| SC-06318-S | LEAD        | 8.60   |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219020 |     | QT1495.0 | 9/20/96 | 0000024187 | 9/19/96 |
| SC-06318-S | RADIUM-226  | 1.33   | 0.10 | 0.33  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3816  |     | WP0148.0 | 11/4/96 | 0000024187 | 9/19/96 |
| SC-06318-S | RADIUM-226  | 1.16   | 0.14 | 0.39  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3816  |     | WP0148.0 | 11/4/96 | 0000024187 | 9/19/96 |
| SC-06318-S | THORIUM-230 | 0.91   | 0.09 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3816  |     | WP0148.0 | 9/24/96 | 0000024187 | 9/19/96 |
| SC-06318-S | URANIUM-238 | ND     |      | 3.22  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3816  |     | WP0148.0 | 11/4/96 | 0000024187 | 9/19/96 |
| SC-06320-S | AROCOR-1248 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219021 | U   | QT1495.0 | 9/23/96 | 0000024188 | 9/19/96 |
| SC-06320-S | AROCOR-1254 | 140.00 |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219021 |     | QT1495.0 | 9/23/96 | 0000024188 | 9/19/96 |
| SC-06320-S | AROCOR-1260 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219021 | U   | QT1495.0 | 9/23/96 | 0000024188 | 9/19/96 |
| SC-06320-S | ARSENIC     | 11.30  |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219021 |     | QT1495.0 | 9/21/96 | 0000024188 | 9/19/96 |
| SC-06320-S | CHROMIUM    | 14.80  |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219021 |     | QT1495.0 | 9/21/96 | 0000024188 | 9/19/96 |
| SC-06320-S | LEAD        | 27.30  |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219021 |     | QT1495.0 | 9/21/96 | 0000024188 | 9/19/96 |
| SC-06320-S | RADIUM-226  | 1.30   | 0.14 | 0.50  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3817  |     | WP0148.0 | 11/4/96 | 0000024188 | 9/19/96 |
| SC-06320-S | RADIUM-226  | 1.08   | 0.18 | 0.48  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3817  |     | WP0148.0 | 11/4/96 | 0000024188 | 9/19/96 |
| SC-06320-S | THORIUM-230 | 1.02   | 0.11 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3817  |     | WP0148.0 | 9/24/96 | 0000024188 | 9/19/96 |
| SC-06320-S | URANIUM-238 | 5.85   | 1.40 | 3.52  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3817  |     | WP0148.0 | 11/4/96 | 0000024188 | 9/19/96 |
| SC-06321-S | AROCOR-1248 | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219022 | U   | QT1495.0 | 9/23/96 | 0000024189 | 9/19/96 |
| SC-06321-S | AROCOR-1254 | 530.00 |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219022 |     | QT1495.0 | 9/23/96 | 0000024189 | 9/19/96 |
| SC-06321-S | AROCOR-1260 | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219022 | U   | QT1495.0 | 9/23/96 | 0000024189 | 9/19/96 |
| SC-06321-S | ARSENIC     | 9.50   |      | 0.45  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219022 |     | QT1495.0 | 9/21/96 | 0000024189 | 9/19/96 |
| SC-06321-S | CHROMIUM    | 19.50  |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219022 |     | QT1495.0 | 9/21/96 | 0000024189 | 9/19/96 |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER    | CONC  | ERR  | DL    | UNITS | VAL<br>QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL<br>FACT | LAB<br>ID | LAB<br>QUAL | LAB<br>REQD | DATE<br>ANA | SAMPLING<br>LINK | DATE<br>SAMPLED |
|------------|--------------|-------|------|-------|-------|-------------|----------|-----------|--------|---------------|-------------|-----------|-------------|-------------|-------------|------------------|-----------------|
| SC-06321-S | LEAD         | 11.00 |      | 0.31  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12210022  |             | QT1495.0    | 9/21/96     | 0000024189       | 9/19/96         |
| SC-06321-S | RADIUM-226   | 1.57  | 0.11 | 0.34  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3818   |             | WP0146.0    | 11/4/96     | 0000024189       | 9/19/96         |
| SC-06321-S | RADIUM-228   | 1.15  | 0.13 | 0.41  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3818   |             | WP0146.0    | 11/4/96     | 0000024189       | 9/19/96         |
| SC-06321-S | THORIUM-230  | 1.09  | 0.11 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3818   |             | WP0146.0    | 9/24/96     | 0000024189       | 9/19/96         |
| SC-06321-S | URANIUM-238  | 7.46  | 1.12 | 2.89  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3818   |             | WP0146.0    | 11/4/96     | 0000024189       | 9/19/96         |
| SC-06322-S | AROCLOR-1248 | ND    |      | 39.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12219023  | U           | QT1495.0    | 9/23/96     | 0000024190       | 9/19/96         |
| SC-06322-S | AROCLOR-1254 | ND    |      | 39.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12219023  | U           | QT1495.0    | 9/23/96     | 0000024190       | 9/19/96         |
| SC-06322-S | AROCLOR-1260 | ND    |      | 39.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12219023  | U           | QT1495.0    | 9/23/96     | 0000024190       | 9/19/96         |
| SC-06322-S | ARSENIC      | 24.80 |      | 0.47  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12219023  |             | QT1495.0    | 9/21/96     | 0000024190       | 9/19/96         |
| SC-06322-S | CHROMIUM     | 17.10 |      | 0.54  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12219023  |             | QT1495.0    | 9/21/96     | 0000024190       | 9/19/96         |
| SC-06322-S | LEAD         | 16.20 |      | 0.33  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12219023  |             | QT1495.0    | 9/21/96     | 0000024190       | 9/19/96         |
| SC-06322-S | RADIUM-226   | 1.49  | 0.13 | 0.30  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3819   |             | WP0146.0    | 11/4/96     | 0000024190       | 9/19/96         |
| SC-06322-S | RADIUM-228   | 1.52  | 0.17 | 0.15  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3819   |             | WP0146.0    | 11/4/96     | 0000024190       | 9/19/96         |
| SC-06322-S | THORIUM-230  | 1.13  | 0.11 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3819   |             | WP0146.0    | 9/24/96     | 0000024190       | 9/19/96         |
| SC-06322-S | URANIUM-238  | ND    |      | 4.35  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3819   |             | WP0146.0    | 11/4/96     | 0000024190       | 9/19/96         |
| SC-06323-S | AROCLOR-1248 | ND    |      | 41.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12219024  | U           | QT1495.0    | 9/23/96     | 0000024191       | 9/19/96         |
| SC-06323-S | AROCLOR-1254 | ND    |      | 41.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12219024  | U           | QT1495.0    | 9/23/96     | 0000024191       | 9/19/96         |
| SC-06323-S | AROCLOR-1260 | ND    |      | 41.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12219024  | U           | QT1495.0    | 9/23/96     | 0000024191       | 9/19/96         |
| SC-06323-S | ARSENIC      | 6.60  |      | 0.50  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12219024  |             | QT1495.0    | 9/21/96     | 0000024191       | 9/19/96         |
| SC-06323-S | CHROMIUM     | 16.80 |      | 0.57  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12219024  |             | QT1495.0    | 9/21/96     | 0000024191       | 9/19/96         |
| SC-06323-S | LEAD         | 13.80 |      | 0.35  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12219024  |             | QT1495.0    | 9/21/96     | 0000024191       | 9/19/96         |
| SC-06323-S | RADIUM-226   | 1.12  | 0.09 | 0.26  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3821   |             | WP0146.0    | 11/4/96     | 0000024191       | 9/19/96         |
| SC-06323-S | RADIUM-228   | 1.02  | 0.15 | 0.44  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3821   |             | WP0146.0    | 11/4/96     | 0000024191       | 9/19/96         |
| SC-06323-S | THORIUM-230  | 0.86  | 0.09 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3821   |             | WP0146.0    | 9/27/96     | 0000024191       | 9/19/96         |
| SC-06323-S | URANIUM-238  | 3.09  | 0.83 | 2.95  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3821   |             | WP0146.0    | 11/4/96     | 0000024191       | 9/19/96         |
| SC-06324-S | AROCLOR-1248 | ND    |      | 36.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12219025  | U           | QT1495.0    | 9/23/96     | 0000024192       | 9/19/96         |
| SC-06324-S | AROCLOR-1254 | ND    |      | 36.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12219025  | U           | QT1495.0    | 9/23/96     | 0000024192       | 9/19/96         |
| SC-06324-S | AROCLOR-1260 | ND    |      | 36.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12219025  | U           | QT1495.0    | 9/23/96     | 0000024192       | 9/19/96         |
| SC-06324-S | ARSENIC      | 4.60  |      | 0.44  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12219025  |             | QT1495.0    | 9/21/96     | 0000024192       | 9/19/96         |
| SC-06324-S | CHROMIUM     | 13.00 |      | 0.50  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12219025  |             | QT1495.0    | 9/21/96     | 0000024192       | 9/19/96         |
| SC-06324-S | LEAD         | 8.60  |      | 0.31  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12219025  |             | QT1495.0    | 9/21/96     | 0000024192       | 9/19/96         |
| SC-06324-S | RADIUM-226   | 1.16  | 0.13 | 0.33  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3822   |             | WP0146.0    | 11/4/96     | 0000024192       | 9/19/96         |
| SC-06324-S | RADIUM-228   | 1.83  | 0.18 | 0.27  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3822   |             | WP0146.0    | 11/4/96     | 0000024192       | 9/19/96         |
| SC-06324-S | THORIUM-230  | 0.80  | 0.10 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3822   |             | WP0146.0    | 9/27/96     | 0000024192       | 9/19/96         |
| SC-06324-S | URANIUM-238  | ND    |      | 4.35  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3822   |             | WP0146.0    | 11/4/96     | 0000024192       | 9/19/96         |
| SC-06401-C | AROCLOR-1248 | ND    |      | 39.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223001  | U           | QT1495.0    | 9/22/96     | 0000024194       | 9/19/96         |
| SC-06401-C | AROCLOR-1254 | ND    |      | 39.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223001  | U           | QT1495.0    | 9/22/96     | 0000024194       | 9/19/96         |
| SC-06401-C | AROCLOR-1260 | ND    |      | 39.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223001  | U           | QT1495.0    | 9/22/96     | 0000024194       | 9/19/96         |
| SC-06401-C | ARSENIC      | 5.20  |      | 0.47  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223001  |             | QT1495.0    | 9/21/96     | 0000024194       | 9/19/96         |
| SC-06401-C | CHROMIUM     | 18.20 |      | 0.54  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223001  |             | QT1495.0    | 9/21/96     | 0000024194       | 9/19/96         |
| SC-06401-C | LEAD         | 10.70 |      | 0.33  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223001  |             | QT1495.0    | 9/21/96     | 0000024194       | 9/19/96         |
| SC-06401-C | RADIUM-226   | 1.12  | 0.12 | 0.36  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3827   |             | WP0147.0    | 11/15/96    | 0000024194       | 9/19/96         |
| SC-06401-C | RADIUM-228   | ND    |      | 1.23  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3827   |             | WP0147.0    | 11/15/96    | 0000024194       | 9/19/96         |
| SC-06401-C | THORIUM-230  | 0.80  | 0.10 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3827   |             | WP0147.0    | 9/25/96     | 0000024194       | 9/19/96         |
| SC-06401-S | AROCLOR-1248 | ND    |      | 43.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12017001  | U           | QT1474.0    | 9/5/96      | 0000024193       | 9/5/96          |
| SC-06401-S | AROCLOR-1254 | ND    |      | 43.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12017001  | U           | QT1474.0    | 9/5/96      | 0000024193       | 9/5/96          |
| SC-06401-S | AROCLOR-1260 | ND    |      | 43.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12017001  | U           | QT1474.0    | 9/5/96      | 0000024193       | 9/5/96          |
| SC-06401-S | ARSENIC      | 6.60  |      | 0.53  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12017001  |             | QT1474.0    | 9/5/96      | 0000024193       | 9/5/96          |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL   | LAB      | LAB  | LAB      | DATE     | SAMPLING   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|------|----------|----------|------------|---------|
|            |             |       |      |       |       |     |      |          |           |        |               | FACT | ID       | QUAL | REQU     | ANA      | LINK       | SAMPLED |
| SC-08401-S | CHROMIUM    | 15.60 |      | 0.61  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12017001 |      | QT1474.0 | 9/5/96   | 0000024193 | 9/5/96  |
| SC-08401-S | LEAD        | 12.60 |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12017001 |      | QT1474.0 | 9/5/96   | 0000024193 | 9/5/96  |
| SC-08401-S | RADIUM-226  | 1.01  | 0.11 | 0.38  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3549  |      | WP0137.0 | 10/24/96 | 0000024193 | 9/5/96  |
| SC-08401-S | RADIUM-228  | ND    |      | 1.27  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3549  |      | WP0137.0 | 10/24/96 | 0000024193 | 9/5/96  |
| SC-08401-S | THORIUM-230 | 0.94  | 0.10 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3549  |      | WP0137.0 | 9/5/96   | 0000024193 | 9/5/96  |
| SC-08401-S | URANIUM-238 | 10.60 | 1.53 | 4.72  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3549  |      | WP0137.0 | 9/5/96   | 0000024193 | 9/5/96  |
| SC-08402-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223002 | U    | QT1496.0 | 9/22/96  | 0000024195 | 9/19/96 |
| SC-08402-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223002 | U    | QT1496.0 | 9/22/96  | 0000024195 | 9/19/96 |
| SC-08402-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223002 | U    | QT1496.0 | 9/22/96  | 0000024195 | 9/19/96 |
| SC-08402-S | ARSENIC     | 12.40 |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223002 |      | QT1496.0 | 9/21/96  | 0000024195 | 9/19/96 |
| SC-08402-S | CHROMIUM    | 23.80 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223002 |      | QT1496.0 | 9/21/96  | 0000024195 | 9/19/96 |
| SC-08402-S | LEAD        | 20.90 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223002 |      | QT1496.0 | 9/21/96  | 0000024195 | 9/19/96 |
| SC-08402-S | RADIUM-226  | 1.58  | 0.11 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3528  |      | WP0147.0 | 11/15/96 | 0000024195 | 9/19/96 |
| SC-08402-S | RADIUM-228  | 1.33  | 0.13 | 0.18  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3528  |      | WP0147.0 | 11/15/96 | 0000024195 | 9/19/96 |
| SC-08402-S | THORIUM-230 | 1.21  | 0.14 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3528  |      | WP0147.0 | 9/25/96  | 0000024195 | 9/19/96 |
| SC-08402-S | URANIUM-238 | 2.64  | 0.89 | 2.58  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3528  |      | WP0147.0 | 11/15/96 | 0000024195 | 9/19/96 |
| SC-08403-C | AROCOR-1248 | 38.00 |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223003 |      | QT1496.0 | 9/22/96  | 0000024197 | 9/19/96 |
| SC-08403-C | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223003 | U    | QT1496.0 | 9/22/96  | 0000024197 | 9/19/96 |
| SC-08403-C | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223003 | U    | QT1496.0 | 9/22/96  | 0000024197 | 9/19/96 |
| SC-08403-C | ARSENIC     | 7.80  |      | 0.45  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223003 |      | QT1496.0 | 9/21/96  | 0000024197 | 9/19/96 |
| SC-08403-C | CHROMIUM    | 11.70 |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223003 |      | QT1496.0 | 9/21/96  | 0000024197 | 9/19/96 |
| SC-08403-C | LEAD        | 20.10 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223003 |      | QT1496.0 | 9/21/96  | 0000024197 | 9/19/96 |
| SC-08403-C | RADIUM-226  | 1.23  | 0.12 | 0.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3529  |      | WP0147.0 | 11/15/96 | 0000024197 | 9/19/96 |
| SC-08403-C | RADIUM-228  | ND    |      | 1.22  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3529  |      | WP0147.0 | 11/15/96 | 0000024197 | 9/19/96 |
| SC-08403-C | THORIUM-230 | 0.81  | 0.08 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3529  |      | WP0147.0 | 9/25/96  | 0000024197 | 9/19/96 |
| SC-08403-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223004 | U    | QT1496.0 | 9/22/96  | 0000024198 | 9/19/96 |
| SC-08403-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223004 | U    | QT1496.0 | 9/22/96  | 0000024198 | 9/19/96 |
| SC-08403-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223004 | U    | QT1496.0 | 9/22/96  | 0000024198 | 9/19/96 |
| SC-08403-S | ARSENIC     | 8.80  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223004 |      | QT1496.0 | 9/21/96  | 0000024198 | 9/19/96 |
| SC-08403-S | CHROMIUM    | 17.80 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223004 |      | QT1496.0 | 9/21/96  | 0000024198 | 9/19/96 |
| SC-08403-S | LEAD        | 11.60 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223004 |      | QT1496.0 | 9/21/96  | 0000024198 | 9/19/96 |
| SC-08403-S | RADIUM-226  | 1.08  | 0.09 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3530  |      | WP0147.0 | 11/15/96 | 0000024198 | 9/19/96 |
| SC-08403-S | RADIUM-228  | 1.53  | 0.14 | 0.37  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3530  |      | WP0147.0 | 11/15/96 | 0000024198 | 9/19/96 |
| SC-08403-S | THORIUM-230 | 1.04  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3530  |      | WP0147.0 | 9/25/96  | 0000024198 | 9/19/96 |
| SC-08403-S | URANIUM-238 | 5.06  | 0.88 | 2.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3530  |      | WP0147.0 | 11/15/96 | 0000024198 | 9/19/96 |
| SC-08404-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223005 | U    | QT1496.0 | 9/22/96  | 0000024198 | 9/19/96 |
| SC-08404-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223005 | U    | QT1496.0 | 9/22/96  | 0000024198 | 9/19/96 |
| SC-08404-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223005 | U    | QT1496.0 | 9/22/96  | 0000024198 | 9/19/96 |
| SC-08404-S | ARSENIC     | 7.30  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223005 |      | QT1496.0 | 9/21/96  | 0000024198 | 9/19/96 |
| SC-08404-S | CHROMIUM    | 18.10 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223005 |      | QT1496.0 | 9/21/96  | 0000024198 | 9/19/96 |
| SC-08404-S | LEAD        | 11.50 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223005 |      | QT1496.0 | 9/21/96  | 0000024198 | 9/19/96 |
| SC-08404-S | RADIUM-226  | 1.49  | 0.13 | 0.40  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3531  |      | WP0147.0 | 11/15/96 | 0000024198 | 9/19/96 |
| SC-08404-S | RADIUM-228  | ND    |      | 1.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3531  |      | WP0147.0 | 11/15/96 | 0000024198 | 9/19/96 |
| SC-08404-S | THORIUM-230 | 1.03  | 0.12 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3531  |      | WP0147.0 | 9/25/96  | 0000024198 | 9/19/96 |
| SC-08404-S | URANIUM-238 | ND    |      | 4.17  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3531  |      | WP0147.0 | 11/15/96 | 0000024198 | 9/19/96 |
| SC-08405-S | AROCOR-1248 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223006 | U    | QT1496.0 | 9/22/96  | 0000024199 | 9/19/96 |
| SC-08405-S | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223006 | U    | QT1496.0 | 9/22/96  | 0000024199 | 9/19/96 |
| SC-08405-S | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223006 | U    | QT1496.0 | 9/22/96  | 0000024199 | 9/19/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL<br>QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL<br>FACT | LAB<br>ID | LAB<br>QUAL | LAB<br>REQD | DATE<br>ANA | SAMPLING   | DATE<br>SAMPLED |
|------------|-------------|-------|------|-------|-------|-------------|----------|-----------|--------|---------------|-------------|-----------|-------------|-------------|-------------|------------|-----------------|
| SC-06405-S | ARSENIC     | 4.60  |      | 0.45  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223006  |             | QT1496.0    | 9/21/96     | 0000024199 | 9/19/96         |
| SC-06405-S | CHROMIUM    | 13.10 |      | 0.62  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223006  |             | QT1496.0    | 9/21/96     | 0000024199 | 9/19/96         |
| SC-06405-S | LEAD        | 9.70  |      | 0.31  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223006  |             | QT1496.0    | 9/21/96     | 0000024199 | 9/19/96         |
| SC-06405-S | RADIUM-226  | 1.37  | 0.10 | 0.31  | PCIG  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3832   |             | WP0147.0    | 11/15/96    | 0000024199 | 9/19/96         |
| SC-06405-S | RADIUM-228  | 1.50  | 0.15 | 0.41  | PCIG  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3832   |             | WP0147.0    | 11/15/96    | 0000024199 | 9/19/96         |
| SC-06405-S | THORIUM-230 | 0.90  | 0.10 | 0.72  | PCIG  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3832   |             | WP0147.0    | 9/25/96     | 0000024199 | 9/19/96         |
| SC-06405-S | URANIUM-238 | 2.49  | 0.70 | 2.41  | PCIG  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3832   |             | WP0147.0    | 11/15/96    | 0000024199 | 9/19/96         |
| SC-06406-C | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223007  | U           | QT1496.0    | 9/22/96     | 0000024201 | 9/19/96         |
| SC-06406-C | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223007  | U           | QT1496.0    | 9/22/96     | 0000024201 | 9/19/96         |
| SC-06406-C | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223007  | U           | QT1496.0    | 9/22/96     | 0000024201 | 9/19/96         |
| SC-06406-C | ARSENIC     | 6.80  |      | 0.47  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223007  |             | QT1496.0    | 9/21/96     | 0000024201 | 9/19/96         |
| SC-06406-C | CHROMIUM    | 17.50 |      | 0.54  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223007  |             | QT1496.0    | 9/21/96     | 0000024201 | 9/19/96         |
| SC-06406-C | LEAD        | 10.70 |      | 0.33  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223007  |             | QT1496.0    | 9/21/96     | 0000024201 | 9/19/96         |
| SC-06406-C | RADIUM-226  | 1.28  | 0.13 | 0.41  | PCIG  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3833   |             | WP0147.0    | 11/15/96    | 0000024201 | 9/19/96         |
| SC-06406-C | RADIUM-228  | 1.43  | 0.19 | 0.54  | PCIG  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3833   |             | WP0147.0    | 11/15/96    | 0000024201 | 9/19/96         |
| SC-06406-C | THORIUM-230 | 0.83  | 0.09 | 0.72  | PCIG  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3833   |             | WP0147.0    | 9/25/96     | 0000024201 | 9/19/96         |
| SC-06406-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223008  | U           | QT1496.0    | 9/22/96     | 0000024200 | 9/19/96         |
| SC-06406-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223008  | U           | QT1496.0    | 9/22/96     | 0000024200 | 9/19/96         |
| SC-06406-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223008  | U           | QT1496.0    | 9/22/96     | 0000024200 | 9/19/96         |
| SC-06406-S | ARSENIC     | 5.80  |      | 0.48  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223008  |             | QT1496.0    | 9/21/96     | 0000024200 | 9/19/96         |
| SC-06406-S | CHROMIUM    | 23.20 |      | 0.55  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223008  |             | QT1496.0    | 9/21/96     | 0000024200 | 9/19/96         |
| SC-06406-S | LEAD        | 11.80 |      | 0.33  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223008  |             | QT1496.0    | 9/21/96     | 0000024200 | 9/19/96         |
| SC-06406-S | RADIUM-226  | 1.38  | 0.12 | 0.33  | PCIG  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3834   |             | WP0147.0    | 11/15/96    | 0000024200 | 9/19/96         |
| SC-06406-S | RADIUM-228  | 1.61  | 0.21 | 0.53  | PCIG  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3834   |             | WP0147.0    | 11/15/96    | 0000024200 | 9/19/96         |
| SC-06406-S | THORIUM-230 | 0.93  | 0.09 | 0.72  | PCIG  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3834   |             | WP0147.0    | 9/24/96     | 0000024200 | 9/19/96         |
| SC-06406-S | URANIUM-238 | ND    |      | 3.82  | PCIG  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3834   |             | WP0147.0    | 11/15/96    | 0000024200 | 9/19/96         |
| SC-06407-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223009  | U           | QT1496.0    | 9/23/96     | 0000024202 | 9/19/96         |
| SC-06407-S | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223009  | U           | QT1496.0    | 9/23/96     | 0000024202 | 9/19/96         |
| SC-06407-S | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223009  | U           | QT1496.0    | 9/23/96     | 0000024202 | 9/19/96         |
| SC-06407-S | ARSENIC     | 6.50  |      | 0.47  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223009  |             | QT1496.0    | 9/21/96     | 0000024202 | 9/19/96         |
| SC-06407-S | CHROMIUM    | 14.20 |      | 0.54  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223009  |             | QT1496.0    | 9/21/96     | 0000024202 | 9/19/96         |
| SC-06407-S | LEAD        | 8.40  |      | 0.33  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223009  |             | QT1496.0    | 9/21/96     | 0000024202 | 9/19/96         |
| SC-06407-S | RADIUM-226  | 1.81  | 0.11 | 0.29  | PCIG  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3835   |             | WP0147.0    | 11/15/96    | 0000024202 | 9/19/96         |
| SC-06407-S | RADIUM-228  | 1.14  | 0.14 | 0.41  | PCIG  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3835   |             | WP0147.0    | 11/15/96    | 0000024202 | 9/19/96         |
| SC-06407-S | THORIUM-230 | 0.87  | 0.09 | 0.72  | PCIG  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3835   |             | WP0147.0    | 9/25/96     | 0000024202 | 9/19/96         |
| SC-06407-S | URANIUM-238 | ND    |      | 3.35  | PCIG  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3835   |             | WP0147.0    | 11/15/96    | 0000024202 | 9/19/96         |
| SC-06408-C | AROCOR-1248 | ND    |      | 37.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223010  | U           | QT1496.0    | 9/23/96     | 0000024204 | 9/19/96         |
| SC-06408-C | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223010  | U           | QT1496.0    | 9/23/96     | 0000024204 | 9/19/96         |
| SC-06408-C | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223010  | U           | QT1496.0    | 9/23/96     | 0000024204 | 9/19/96         |
| SC-06408-C | ARSENIC     | 6.90  |      | 0.45  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223010  |             | QT1496.0    | 9/21/96     | 0000024204 | 9/19/96         |
| SC-06408-C | CHROMIUM    | 19.70 |      | 0.51  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223010  |             | QT1496.0    | 9/21/96     | 0000024204 | 9/19/96         |
| SC-06408-C | LEAD        | 12.80 |      | 0.31  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 12223010  |             | QT1496.0    | 9/21/96     | 0000024204 | 9/19/96         |
| SC-06408-C | RADIUM-226  | 1.22  | 0.19 | 0.43  | PCIG  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3836   |             | WP0147.0    | 11/15/96    | 0000024204 | 9/19/96         |
| SC-06408-C | RADIUM-228  | 1.34  | 0.17 | 0.59  | PCIG  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3836   |             | WP0147.0    | 11/15/96    | 0000024204 | 9/19/96         |
| SC-06408-C | THORIUM-230 | 0.84  | 0.09 | 0.72  | PCIG  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3836   |             | WP0147.0    | 9/25/96     | 0000024204 | 9/19/96         |
| SC-06408-C | URANIUM-238 | ND    |      | 4.30  | PCIG  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3836   |             | WP0147.0    | 11/15/96    | 0000024204 | 9/19/96         |
| SC-06408-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223012  | U           | QT1496.0    | 9/23/96     | 0000024203 | 9/19/96         |
| SC-06408-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 12223012  | U           | QT1496.0    | 9/23/96     | 0000024203 | 9/19/96         |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB  | LAB      | DATE    | SAMPLINK   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|------|----------|---------|------------|---------|
|            |             |       |      |       |       |     |      |          |           |        |               | FACT | ID       | QUAL | REQU     | ANA     |            | SAMPLED |
| SC-08408-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223012 | U    | QT1496.0 | 9/23/96 | 0000024203 | 9/19/96 |
| SC-08408-S | ARSENIC     | 5.10  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223012 |      | QT1496.0 | 9/21/96 | 0000024203 | 9/19/96 |
| SC-08408-S | CHROMIUM    | 11.40 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223012 |      | QT1496.0 | 9/21/96 | 0000024203 | 9/19/96 |
| SC-08408-S | LEAD        | 7.40  |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223012 |      | QT1496.0 | 9/21/96 | 0000024203 | 9/19/96 |
| SC-08408-S | RADIUM-226  | 1.32  | 0.10 | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3838  |      | WP0147.0 | 11/8/96 | 0000024203 | 9/19/96 |
| SC-08408-S | RADIUM-228  | 1.31  | 0.14 | 0.44  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3838  |      | WP0147.0 | 11/8/96 | 0000024203 | 9/19/96 |
| SC-08408-S | THORIUM-230 | 0.86  | 0.09 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3838  |      | WP0147.0 | 9/24/96 | 0000024203 | 9/19/96 |
| SC-08408-S | URANIUM-238 | ND    |      | 3.21  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3838  |      | WP0147.0 | 11/8/96 | 0000024203 | 9/19/96 |
| SC-08409-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223013 | U    | QT1496.0 | 9/23/96 | 0000024205 | 9/19/96 |
| SC-08409-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223013 | U    | QT1496.0 | 9/23/96 | 0000024205 | 9/19/96 |
| SC-08409-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223013 | U    | QT1496.0 | 9/23/96 | 0000024205 | 9/19/96 |
| SC-08409-S | ARSENIC     | 7.30  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223013 |      | QT1496.0 | 9/21/96 | 0000024205 | 9/19/96 |
| SC-08409-S | CHROMIUM    | 18.70 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223013 |      | QT1496.0 | 9/21/96 | 0000024205 | 9/19/96 |
| SC-08409-S | LEAD        | 9.30  |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223013 |      | QT1496.0 | 9/21/96 | 0000024205 | 9/19/96 |
| SC-08409-S | RADIUM-226  | 1.50  | 0.12 | 0.25  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3838  |      | WP0147.0 | 11/8/96 | 0000024205 | 9/19/96 |
| SC-08409-S | RADIUM-228  | 0.80  | 0.19 | 0.68  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3838  |      | WP0147.0 | 11/8/96 | 0000024205 | 9/19/96 |
| SC-08409-S | THORIUM-230 | 1.05  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3838  |      | WP0147.0 | 9/24/96 | 0000024205 | 9/19/96 |
| SC-08409-S | URANIUM-238 | 0.80  | 1.50 | 3.26  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3838  |      | WP0147.0 | 11/8/96 | 0000024205 | 9/19/96 |
| SC-08410-C | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223014 | U    | QT1496.0 | 9/23/96 | 0000024207 | 9/19/96 |
| SC-08410-C | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223014 | U    | QT1496.0 | 9/23/96 | 0000024207 | 9/19/96 |
| SC-08410-C | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223014 | U    | QT1496.0 | 9/23/96 | 0000024207 | 9/19/96 |
| SC-08410-C | ARSENIC     | 8.10  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223014 |      | QT1496.0 | 9/21/96 | 0000024207 | 9/19/96 |
| SC-08410-C | CHROMIUM    | 19.80 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223014 |      | QT1496.0 | 9/21/96 | 0000024207 | 9/19/96 |
| SC-08410-C | LEAD        | 9.00  |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223014 |      | QT1496.0 | 9/21/96 | 0000024207 | 9/19/96 |
| SC-08410-C | RADIUM-226  | 1.30  | 0.10 | 0.32  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3840  |      | WP0147.0 | 11/8/96 | 0000024207 | 9/19/96 |
| SC-08410-C | RADIUM-228  | 1.69  | 0.13 | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3840  |      | WP0147.0 | 11/8/96 | 0000024207 | 9/19/96 |
| SC-08410-C | THORIUM-230 | 1.03  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3840  |      | WP0147.0 | 9/24/96 | 0000024207 | 9/19/96 |
| SC-08410-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223015 | U    | QT1496.0 | 9/23/96 | 0000024208 | 9/19/96 |
| SC-08410-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223015 | U    | QT1496.0 | 9/23/96 | 0000024208 | 9/19/96 |
| SC-08410-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223015 | U    | QT1496.0 | 9/23/96 | 0000024208 | 9/19/96 |
| SC-08410-S | ARSENIC     | 5.90  |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223015 |      | QT1496.0 | 9/21/96 | 0000024208 | 9/19/96 |
| SC-08410-S | CHROMIUM    | 14.30 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223015 |      | QT1496.0 | 9/21/96 | 0000024208 | 9/19/96 |
| SC-08410-S | LEAD        | 9.40  |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223015 |      | QT1496.0 | 9/21/96 | 0000024208 | 9/19/96 |
| SC-08410-S | RADIUM-226  | 1.41  | 0.13 | 0.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3841  |      | WP0147.0 | 11/8/96 | 0000024208 | 9/19/96 |
| SC-08410-S | RADIUM-228  | ND    |      | 1.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3841  |      | WP0147.0 | 11/8/96 | 0000024208 | 9/19/96 |
| SC-08410-S | THORIUM-230 | 0.88  | 0.08 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3841  |      | WP0147.0 | 9/24/96 | 0000024208 | 9/19/96 |
| SC-08410-S | URANIUM-238 | ND    |      | 4.14  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3841  |      | WP0147.0 | 11/8/96 | 0000024208 | 9/19/96 |
| SC-08411-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223016 | U    | QT1496.0 | 9/23/96 | 0000024208 | 9/19/96 |
| SC-08411-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223016 | U    | QT1496.0 | 9/23/96 | 0000024208 | 9/19/96 |
| SC-08411-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223016 | U    | QT1496.0 | 9/23/96 | 0000024208 | 9/19/96 |
| SC-08411-S | ARSENIC     | 11.10 |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223016 |      | QT1496.0 | 9/21/96 | 0000024208 | 9/19/96 |
| SC-08411-S | CHROMIUM    | 21.10 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223016 |      | QT1496.0 | 9/21/96 | 0000024208 | 9/19/96 |
| SC-08411-S | LEAD        | 12.90 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223016 |      | QT1496.0 | 9/21/96 | 0000024208 | 9/19/96 |
| SC-08411-S | RADIUM-226  | 1.50  | 0.11 | 0.35  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3842  |      | WP0147.0 | 11/8/96 | 0000024208 | 9/19/96 |
| SC-08411-S | RADIUM-228  | 1.28  | 0.13 | 0.39  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3842  |      | WP0147.0 | 11/8/96 | 0000024208 | 9/19/96 |
| SC-08411-S | THORIUM-230 | 1.28  | 0.14 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3842  |      | WP0147.0 | 9/26/96 | 0000024208 | 9/19/96 |
| SC-08411-S | URANIUM-238 | 2.75  | 0.81 | 3.19  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3842  |      | WP0147.0 | 11/8/96 | 0000024208 | 9/19/96 |
| SC-08412-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223017 | U    | QT1496.0 | 9/23/96 | 0000024209 | 9/19/96 |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB  | LAB      | DATE    | SAMPLINK   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|------|----------|---------|------------|---------|
|            |             |       |      |       |       |     |      |          |           |        |               | FACT | ID       | QUAL | REQU     | ANA     |            | SAMPLED |
| SC-06412-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223017 | U    | QT1496.0 | 9/23/96 | 0000024209 | 9/19/96 |
| SC-06412-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223017 | U    | QT1496.0 | 9/23/96 | 0000024209 | 9/19/96 |
| SC-06412-S | ARSENIC     | 9.80  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223017 |      | QT1496.0 | 9/21/96 | 0000024209 | 9/19/96 |
| SC-06412-S | CHROMIUM    | 20.80 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223017 |      | QT1496.0 | 9/21/96 | 0000024209 | 9/19/96 |
| SC-06412-S | LEAD        | 12.30 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223017 |      | QT1496.0 | 9/21/96 | 0000024209 | 9/19/96 |
| SC-06412-S | RADIUM-226  | 1.18  | 0.12 | 0.48  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3843  |      | WP0147.0 | 11/8/96 | 0000024209 | 9/19/96 |
| SC-06412-S | RADIUM-226  | 1.39  | 0.18 | 0.62  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3843  |      | WP0147.0 | 11/8/96 | 0000024209 | 9/19/96 |
| SC-06412-S | THORIUM-230 | 0.08  | 0.10 | 0.72  | PC/KG | *   |      |          | EMI TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3843  |      | WP0147.0 | 9/25/96 | 0000024209 | 9/19/96 |
| SC-06412-S | URANIUM-238 | ND    |      | 4.37  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3843  |      | WP0147.0 | 11/8/96 | 0000024209 | 9/19/96 |
| SC-06413-C | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223018 | U    | QT1496.0 | 9/23/96 | 0000024210 | 9/19/96 |
| SC-06413-C | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223018 | U    | QT1496.0 | 9/23/96 | 0000024210 | 9/19/96 |
| SC-06413-C | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223018 | U    | QT1496.0 | 9/23/96 | 0000024210 | 9/19/96 |
| SC-06413-C | ARSENIC     | 7.70  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223018 |      | QT1496.0 | 9/21/96 | 0000024210 | 9/19/96 |
| SC-06413-C | CHROMIUM    | 14.20 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223018 |      | QT1496.0 | 9/21/96 | 0000024210 | 9/19/96 |
| SC-06413-C | LEAD        | 14.10 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223018 |      | QT1496.0 | 9/21/96 | 0000024210 | 9/19/96 |
| SC-06413-C | RADIUM-226  | 1.51  | 0.11 | 0.29  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3844  |      | WP0147.0 | 11/8/96 | 0000024210 | 9/19/96 |
| SC-06413-C | RADIUM-226  | 1.26  | 0.13 | 0.47  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3844  |      | WP0147.0 | 11/8/96 | 0000024210 | 9/19/96 |
| SC-06413-C | THORIUM-230 | 0.90  | 0.09 | 0.72  | PC/KG | *   |      |          | EMI TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3844  |      | WP0147.0 | 9/25/96 | 0000024210 | 9/19/96 |
| SC-06413-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223019 | U    | QT1496.0 | 9/23/96 | 0000024213 | 9/19/96 |
| SC-06413-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223019 | U    | QT1496.0 | 9/23/96 | 0000024213 | 9/19/96 |
| SC-06413-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223019 | U    | QT1496.0 | 9/23/96 | 0000024213 | 9/19/96 |
| SC-06413-S | ARSENIC     | 7.30  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223019 |      | QT1496.0 | 9/21/96 | 0000024213 | 9/19/96 |
| SC-06413-S | CHROMIUM    | 13.40 |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223019 |      | QT1496.0 | 9/21/96 | 0000024213 | 9/19/96 |
| SC-06413-S | LEAD        | 11.00 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223019 |      | QT1496.0 | 9/21/96 | 0000024213 | 9/19/96 |
| SC-06413-S | RADIUM-226  | 1.34  | 0.12 | 0.28  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3845  |      | WP0147.0 | 11/8/96 | 0000024213 | 9/19/96 |
| SC-06413-S | RADIUM-226  | 1.30  | 0.20 | 0.27  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3845  |      | WP0147.0 | 11/8/96 | 0000024213 | 9/19/96 |
| SC-06413-S | THORIUM-230 | 1.01  | 0.12 | 0.72  | PC/KG | *   |      |          | EMI TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3845  |      | WP0147.0 | 9/25/96 | 0000024213 | 9/19/96 |
| SC-06413-S | URANIUM-238 | 4.21  | 1.40 | 4.08  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3845  |      | WP0147.0 | 11/8/96 | 0000024213 | 9/19/96 |
| SC-06414-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223020 | U    | QT1496.0 | 9/23/96 | 0000024215 | 9/19/96 |
| SC-06414-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223020 | U    | QT1496.0 | 9/23/96 | 0000024215 | 9/19/96 |
| SC-06414-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223020 | U    | QT1496.0 | 9/23/96 | 0000024215 | 9/19/96 |
| SC-06414-S | ARSENIC     | 8.80  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223020 |      | QT1496.0 | 9/21/96 | 0000024215 | 9/19/96 |
| SC-06414-S | CHROMIUM    | 19.60 |      | 0.62  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223020 |      | QT1496.0 | 9/21/96 | 0000024215 | 9/19/96 |
| SC-06414-S | LEAD        | 25.80 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223020 |      | QT1496.0 | 9/21/96 | 0000024215 | 9/19/96 |
| SC-06414-S | RADIUM-226  | 1.48  | 0.10 | 0.34  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3846  |      | WP0147.0 | 11/8/96 | 0000024215 | 9/19/96 |
| SC-06414-S | RADIUM-226  | 1.27  | 0.14 | 0.50  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3846  |      | WP0147.0 | 11/8/96 | 0000024215 | 9/19/96 |
| SC-06414-S | THORIUM-230 | 0.87  | 0.09 | 0.72  | PC/KG | *   |      |          | EMI TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3846  |      | WP0147.0 | 9/25/96 | 0000024215 | 9/19/96 |
| SC-06414-S | URANIUM-238 | ND    |      | 3.62  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3846  |      | WP0147.0 | 11/8/96 | 0000024215 | 9/19/96 |
| SC-06415-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223021 | U    | QT1496.0 | 9/22/96 | 0000024216 | 9/19/96 |
| SC-06415-S | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223021 | U    | QT1496.0 | 9/22/96 | 0000024216 | 9/19/96 |
| SC-06415-S | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223021 | U    | QT1496.0 | 9/22/96 | 0000024216 | 9/19/96 |
| SC-06415-S | ARSENIC     | 7.20  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223021 |      | QT1496.0 | 9/21/96 | 0000024216 | 9/19/96 |
| SC-06415-S | CHROMIUM    | 15.00 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223021 |      | QT1496.0 | 9/21/96 | 0000024216 | 9/19/96 |
| SC-06415-S | LEAD        | 10.40 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223021 |      | QT1496.0 | 9/21/96 | 0000024216 | 9/19/96 |
| SC-06415-S | RADIUM-226  | 1.24  | 0.13 | 0.44  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3847  |      | WP0147.0 | 11/8/96 | 0000024216 | 9/19/96 |
| SC-06415-S | RADIUM-226  | 1.32  | 0.17 | 0.71  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3847  |      | WP0147.0 | 11/8/96 | 0000024216 | 9/19/96 |
| SC-06415-S | THORIUM-230 | 0.92  | 0.09 | 0.72  | PC/KG | *   |      |          | EMI TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3847  |      | WP0147.0 | 9/25/96 | 0000024216 | 9/19/96 |
| SC-06415-S | URANIUM-238 | ND    |      | 4.15  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3847  |      | WP0147.0 | 11/8/96 | 0000024216 | 9/19/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB | LAB      | DATE    | SAMPLINK   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|-----|----------|---------|------------|---------|
| SC-06416-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223022 | U   | QT1496.0 | 9/22/96 | 0000024217 | 9/19/96 |
| SC-06416-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223022 | U   | QT1496.0 | 9/22/96 | 0000024217 | 9/19/96 |
| SC-06416-S | AROCOR-1280 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223022 | U   | QT1496.0 | 9/22/96 | 0000024217 | 9/19/96 |
| SC-06416-S | ARSENIC     | 11.80 |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223022 |     | QT1496.0 | 9/21/96 | 0000024217 | 9/19/96 |
| SC-06416-S | CHROMIUM    | 18.90 |      | 0.56  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223022 |     | QT1496.0 | 9/21/96 | 0000024217 | 9/19/96 |
| SC-06416-S | LEAD        | 14.90 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223022 |     | QT1496.0 | 9/21/96 | 0000024217 | 9/19/96 |
| SC-06416-S | RADIUM-226  | 1.64  | 0.11 | 0.35  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3848  |     | WP0147.0 | 11/9/96 | 0000024217 | 9/19/96 |
| SC-06416-S | RADIUM-228  | 1.38  | 0.14 | 0.44  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3848  |     | WP0147.0 | 11/9/96 | 0000024217 | 9/19/96 |
| SC-06416-S | THORIUM-230 | 0.79  | 0.08 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3848  |     | WP0147.0 | 9/25/96 | 0000024217 | 9/19/96 |
| SC-06416-S | URANIUM-238 | ND    |      | 3.26  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3848  |     | WP0147.0 | 11/9/96 | 0000024217 | 9/19/96 |
| SC-06417-C | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223023 | U   | QT1496.0 | 9/22/96 | 0000024219 | 9/19/96 |
| SC-06417-C | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223023 | U   | QT1496.0 | 9/22/96 | 0000024219 | 9/19/96 |
| SC-06417-C | AROCOR-1280 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223023 | U   | QT1496.0 | 9/22/96 | 0000024219 | 9/19/96 |
| SC-06417-C | ARSENIC     | 10.00 |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223023 |     | QT1496.0 | 9/21/96 | 0000024219 | 9/19/96 |
| SC-06417-C | CHROMIUM    | 18.50 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223023 |     | QT1496.0 | 9/21/96 | 0000024219 | 9/19/96 |
| SC-06417-C | LEAD        | 25.00 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223023 |     | QT1496.0 | 9/21/96 | 0000024219 | 9/19/96 |
| SC-06417-C | RADIUM-226  | 1.43  | 0.13 | 0.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3848  |     | WP0147.0 | 11/9/96 | 0000024219 | 9/19/96 |
| SC-06417-C | RADIUM-228  | ND    |      | 1.34  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3848  |     | WP0147.0 | 11/9/96 | 0000024219 | 9/19/96 |
| SC-06417-C | THORIUM-230 | 1.20  | 0.13 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3848  |     | WP0147.0 | 9/25/96 | 0000024219 | 9/19/96 |
| SC-06417-S | AROCOR-1248 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223024 | U   | QT1496.0 | 9/22/96 | 0000024218 | 9/19/96 |
| SC-06417-S | AROCOR-1254 | 45.00 |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223024 | U   | QT1496.0 | 9/22/96 | 0000024218 | 9/19/96 |
| SC-06417-S | AROCOR-1280 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223024 | U   | QT1496.0 | 9/22/96 | 0000024218 | 9/19/96 |
| SC-06417-S | ARSENIC     | 10.90 |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223024 |     | QT1496.0 | 9/21/96 | 0000024218 | 9/19/96 |
| SC-06417-S | CHROMIUM    | 17.00 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223024 |     | QT1496.0 | 9/21/96 | 0000024218 | 9/19/96 |
| SC-06417-S | LEAD        | 19.80 |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223024 |     | QT1496.0 | 9/21/96 | 0000024218 | 9/19/96 |
| SC-06417-S | RADIUM-226  | 1.33  | 0.10 | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3850  |     | WP0147.0 | 11/9/96 | 0000024218 | 9/19/96 |
| SC-06417-S | RADIUM-228  | 1.11  | 0.13 | 0.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3850  |     | WP0147.0 | 11/9/96 | 0000024218 | 9/19/96 |
| SC-06417-S | THORIUM-230 | 1.42  | 0.16 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3850  |     | WP0147.0 | 9/25/96 | 0000024218 | 9/19/96 |
| SC-06417-S | URANIUM-238 | -2.49 | 0.70 | 2.87  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3850  |     | WP0147.0 | 11/9/96 | 0000024218 | 9/19/96 |
| SC-06418-C | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223025 | U   | QT1496.0 | 9/22/96 | 0000024220 | 9/19/96 |
| SC-06418-C | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223025 | U   | QT1496.0 | 9/22/96 | 0000024220 | 9/19/96 |
| SC-06418-C | AROCOR-1280 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223025 | U   | QT1496.0 | 9/22/96 | 0000024220 | 9/19/96 |
| SC-06418-C | ARSENIC     | 9.00  |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223025 |     | QT1496.0 | 9/21/96 | 0000024220 | 9/19/96 |
| SC-06418-C | CHROMIUM    | 16.00 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223025 |     | QT1496.0 | 9/21/96 | 0000024220 | 9/19/96 |
| SC-06418-C | LEAD        | 12.70 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223025 |     | QT1496.0 | 9/21/96 | 0000024220 | 9/19/96 |
| SC-06418-C | RADIUM-226  | 1.46  | 0.10 | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3851  |     | WP0147.0 | 11/9/96 | 0000024220 | 9/19/96 |
| SC-06418-C | RADIUM-228  | 1.34  | 0.13 | 0.47  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3851  |     | WP0147.0 | 11/9/96 | 0000024220 | 9/19/96 |
| SC-06418-C | THORIUM-230 | 0.88  | 0.09 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3851  |     | WP0147.0 | 9/25/96 | 0000024220 | 9/19/96 |
| SC-06418-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223026 | U   | QT1496.0 | 9/22/96 | 0000024221 | 9/19/96 |
| SC-06418-S | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223026 | U   | QT1496.0 | 9/22/96 | 0000024221 | 9/19/96 |
| SC-06418-S | AROCOR-1280 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223026 | U   | QT1496.0 | 9/22/96 | 0000024221 | 9/19/96 |
| SC-06418-S | ARSENIC     | 16.60 |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223026 |     | QT1496.0 | 9/21/96 | 0000024221 | 9/19/96 |
| SC-06418-S | CHROMIUM    | 22.30 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223026 |     | QT1496.0 | 9/21/96 | 0000024221 | 9/19/96 |
| SC-06418-S | LEAD        | 21.90 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223026 |     | QT1496.0 | 9/21/96 | 0000024221 | 9/19/96 |
| SC-06418-S | RADIUM-226  | 1.71  | 0.14 | 0.44  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3852  |     | WP0147.0 | 11/9/96 | 0000024221 | 9/19/96 |
| SC-06418-S | RADIUM-228  | 1.60  | 0.20 | 0.66  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3852  |     | WP0147.0 | 11/9/96 | 0000024221 | 9/19/96 |
| SC-06418-S | THORIUM-230 | 1.26  | 0.13 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3852  |     | WP0147.0 | 9/25/96 | 0000024221 | 9/19/96 |
| SC-06418-S | URANIUM-238 | ND    |      | 4.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3852  |     | WP0147.0 | 11/9/96 | 0000024221 | 9/19/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | FACT     | LAB ID | LAB QUAL | LAB REQU | DATE    | ANA        | SAMPLINK | DATE | SAMPLED |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|--------|----------|----------|---------|------------|----------|------|---------|
| SC-08419-S | AROCOR-1248 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223027 | U      | QT1498.0 |          | 9/22/96 | 0000024222 | 9/19/96  |      |         |
| SC-08419-S | AROCOR-1254 | 84.00 |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223027 |        | QT1498.0 |          | 9/22/96 | 0000024222 | 9/19/96  |      |         |
| SC-08419-S | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223027 | U      | QT1498.0 |          | 9/22/96 | 0000024222 | 9/19/96  |      |         |
| SC-08419-S | ARSENIC     | 8.80  |      | 0.45  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223027 |        | QT1498.0 |          | 9/21/96 | 0000024222 | 9/19/96  |      |         |
| SC-08419-S | CHROMIUM    | 15.00 |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223027 |        | QT1498.0 |          | 9/21/96 | 0000024222 | 9/19/96  |      |         |
| SC-08419-S | LEAD        | 18.40 |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223027 |        | QT1498.0 |          | 9/21/96 | 0000024222 | 9/19/96  |      |         |
| SC-08419-S | RADIUM-226  | 1.33  | 0.10 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3853  |        | WP0147.0 |          | 11/9/96 | 0000024222 | 9/19/96  |      |         |
| SC-08419-S | RADIUM-228  | 1.38  | 0.14 | 0.54  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3853  |        | WP0147.0 |          | 11/9/96 | 0000024222 | 9/19/96  |      |         |
| SC-08419-S | THORIUM-230 | 1.24  | 0.14 | 0.72  | PC/G  | *   |      |          | ENL TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3853  |        | WP0147.0 |          | 9/26/96 | 0000024222 | 9/19/96  |      |         |
| SC-08419-S | URANIUM-238 | 11.70 | 1.48 | 3.23  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3853  |        | WP0147.0 |          | 11/9/96 | 0000024222 | 9/19/96  |      |         |
| SC-08420-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223028 | U      | QT1498.0 |          | 9/22/96 | 0000024223 | 9/19/96  |      |         |
| SC-08420-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223028 | U      | QT1498.0 |          | 9/22/96 | 0000024223 | 9/19/96  |      |         |
| SC-08420-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223028 | U      | QT1498.0 |          | 9/22/96 | 0000024223 | 9/19/96  |      |         |
| SC-08420-S | ARSENIC     | 5.10  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223028 |        | QT1498.0 |          | 9/21/96 | 0000024223 | 9/19/96  |      |         |
| SC-08420-S | CHROMIUM    | 12.30 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223028 |        | QT1498.0 |          | 9/21/96 | 0000024223 | 9/19/96  |      |         |
| SC-08420-S | LEAD        | 8.90  |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223028 |        | QT1498.0 |          | 9/21/96 | 0000024223 | 9/19/96  |      |         |
| SC-08420-S | RADIUM-226  | 0.88  | 0.11 | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3854  |        | WP0147.0 |          | 11/9/96 | 0000024223 | 9/19/96  |      |         |
| SC-08420-S | RADIUM-228  | ND    |      | 1.25  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3854  |        | WP0147.0 |          | 11/9/96 | 0000024223 | 9/19/96  |      |         |
| SC-08420-S | THORIUM-230 | -0.70 | 0.08 | 0.72  | PC/G  | *   |      |          | ENL TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3854  |        | WP0147.0 |          | 9/26/96 | 0000024223 | 9/19/96  |      |         |
| SC-08420-S | URANIUM-238 | ND    |      | 3.79  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3854  |        | WP0147.0 |          | 11/9/96 | 0000024223 | 9/19/96  |      |         |
| SC-08421-C | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223029 | U      | QT1498.0 |          | 9/22/96 | 0000024225 | 9/19/96  |      |         |
| SC-08421-C | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223029 | U      | QT1498.0 |          | 9/22/96 | 0000024225 | 9/19/96  |      |         |
| SC-08421-C | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223029 | U      | QT1498.0 |          | 9/22/96 | 0000024225 | 9/19/96  |      |         |
| SC-08421-C | ARSENIC     | 8.10  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223029 |        | QT1498.0 |          | 9/21/96 | 0000024225 | 9/19/96  |      |         |
| SC-08421-C | CHROMIUM    | 17.30 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223029 |        | QT1498.0 |          | 9/21/96 | 0000024225 | 9/19/96  |      |         |
| SC-08421-C | LEAD        | 18.60 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223029 |        | QT1498.0 |          | 9/21/96 | 0000024225 | 9/19/96  |      |         |
| SC-08421-C | RADIUM-226  | 1.47  | 0.10 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3855  |        | WP0147.0 |          | 11/9/96 | 0000024225 | 9/19/96  |      |         |
| SC-08421-C | RADIUM-228  | 1.10  | 0.13 | 0.44  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3855  |        | WP0147.0 |          | 11/9/96 | 0000024225 | 9/19/96  |      |         |
| SC-08421-C | THORIUM-230 | 1.05  | 0.11 | 0.72  | PC/G  | *   |      |          | ENL TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3855  |        | WP0147.0 |          | 9/26/96 | 0000024225 | 9/19/96  |      |         |
| SC-08421-S | AROCOR-1248 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223030 | U      | QT1498.0 |          | 9/22/96 | 0000024224 | 9/19/96  |      |         |
| SC-08421-S | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223030 | U      | QT1498.0 |          | 9/22/96 | 0000024224 | 9/19/96  |      |         |
| SC-08421-S | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223030 | U      | QT1498.0 |          | 9/22/96 | 0000024224 | 9/19/96  |      |         |
| SC-08421-S | ARSENIC     | 10.00 |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223030 |        | QT1498.0 |          | 9/21/96 | 0000024224 | 9/19/96  |      |         |
| SC-08421-S | CHROMIUM    | 19.70 |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223030 |        | QT1498.0 |          | 9/21/96 | 0000024224 | 9/19/96  |      |         |
| SC-08421-S | LEAD        | 18.40 |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223030 |        | QT1498.0 |          | 9/21/96 | 0000024224 | 9/19/96  |      |         |
| SC-08421-S | RADIUM-226  | 1.57  | 0.13 | 0.35  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3856  |        | WP0147.0 |          | 11/9/96 | 0000024224 | 9/19/96  |      |         |
| SC-08421-S | RADIUM-228  | 1.64  | 0.20 | 0.58  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3856  |        | WP0147.0 |          | 11/9/96 | 0000024224 | 9/19/96  |      |         |
| SC-08421-S | THORIUM-230 | 1.28  | 0.12 | 0.72  | PC/G  | *   |      |          | ENL TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3856  |        | WP0147.0 |          | 9/26/96 | 0000024224 | 9/19/96  |      |         |
| SC-08421-S | URANIUM-238 | -3.17 | 1.28 | 3.90  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3856  |        | WP0147.0 |          | 11/9/96 | 0000024224 | 9/19/96  |      |         |
| SC-08422-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223031 | U      | QT1498.0 |          | 9/22/96 | 0000024226 | 9/19/96  |      |         |
| SC-08422-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223031 | U      | QT1498.0 |          | 9/22/96 | 0000024226 | 9/19/96  |      |         |
| SC-08422-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12223031 | U      | QT1498.0 |          | 9/22/96 | 0000024226 | 9/19/96  |      |         |
| SC-08422-S | ARSENIC     | 11.90 |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223031 |        | QT1498.0 |          | 9/21/96 | 0000024226 | 9/19/96  |      |         |
| SC-08422-S | CHROMIUM    | 19.60 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223031 |        | QT1498.0 |          | 9/21/96 | 0000024226 | 9/19/96  |      |         |
| SC-08422-S | LEAD        | 10.80 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12223031 |        | QT1498.0 |          | 9/21/96 | 0000024226 | 9/19/96  |      |         |
| SC-08422-S | RADIUM-226  | 1.49  | 0.11 | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3857  |        | WP0147.0 |          | 11/9/96 | 0000024226 | 9/19/96  |      |         |
| SC-08422-S | RADIUM-228  | 1.41  | 0.14 | 0.40  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3857  |        | WP0147.0 |          | 11/9/96 | 0000024226 | 9/19/96  |      |         |
| SC-08422-S | THORIUM-230 | 0.95  | 0.11 | 0.72  | PC/G  | *   |      |          | ENL TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3857  |        | WP0147.0 |          | 9/26/96 | 0000024226 | 9/19/96  |      |         |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER              | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|------------------------|-------|------|-------|-------|-----|------|----------|-----------|--------|----------------|---------|----------|----------|----------|----------|------------|--------------|
| SC-06423-S | URANIUM-238            | ND    |      | 3.35  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3857  |          | WP0147.0 | 11/9/96  | 0000024228 | 9/19/96      |
| SC-06423-C | AROCOR-1248            | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12223033 | U        | QT1496.0 | 9/23/96  | 0000024228 | 9/19/96      |
| SC-06423-C | AROCOR-1254            | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12223033 | U        | QT1496.0 | 9/23/96  | 0000024228 | 9/19/96      |
| SC-06423-C | AROCOR-1260            | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12223033 | U        | QT1496.0 | 9/23/96  | 0000024228 | 9/19/96      |
| SC-06423-C | ARSENIC                | 13.80 |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12223033 |          | QT1496.0 | 9/21/96  | 0000024228 | 9/19/96      |
| SC-06423-C | CHROMIUM               | 16.30 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12223033 |          | QT1496.0 | 9/21/96  | 0000024228 | 9/19/96      |
| SC-06423-C | LEAD                   | 29.80 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12223033 |          | QT1496.0 | 9/21/96  | 0000024228 | 9/19/96      |
| SC-06423-C | RADIUM-226             | 1.23  | 0.11 | 0.21  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3859  |          | WP0147.0 | 11/9/96  | 0000024228 | 9/19/96      |
| SC-06423-C | RADIUM-228             | ND    |      | 1.16  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3859  |          | WP0147.0 | 11/9/96  | 0000024228 | 9/19/96      |
| SC-06423-C | THORIUM-230            | 1.38  | 0.14 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3859  |          | WP0147.0 | 9/28/96  | 0000024228 | 9/19/96      |
| SC-06423-S | AROCOR-1248            | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12223034 | U        | QT1496.0 | 9/23/96  | 0000024229 | 9/19/96      |
| SC-06423-S | AROCOR-1254            | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12223034 | U        | QT1496.0 | 9/23/96  | 0000024229 | 9/19/96      |
| SC-06423-S | AROCOR-1260            | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12223034 | U        | QT1496.0 | 9/23/96  | 0000024229 | 9/19/96      |
| SC-06423-S | ARSENIC                | 12.30 |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12223034 |          | QT1496.0 | 9/21/96  | 0000024229 | 9/19/96      |
| SC-06423-S | CHROMIUM               | 16.80 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12223034 |          | QT1496.0 | 9/21/96  | 0000024229 | 9/19/96      |
| SC-06423-S | LEAD                   | 24.30 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12223034 |          | QT1496.0 | 9/21/96  | 0000024229 | 9/19/96      |
| SC-06423-S | RADIUM-226             | 1.38  | 0.10 | 0.26  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3860  |          | WP0147.0 | 11/9/96  | 0000024229 | 9/19/96      |
| SC-06423-S | RADIUM-228             | 1.27  | 0.13 | 0.49  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3860  |          | WP0147.0 | 11/9/96  | 0000024229 | 9/19/96      |
| SC-06423-S | THORIUM-230            | 1.09  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3860  |          | WP0147.0 | 9/28/96  | 0000024229 | 9/19/96      |
| SC-06423-S | URANIUM-238            | 3.00  | 0.70 | 2.64  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3860  |          | WP0147.0 | 11/9/96  | 0000024229 | 9/19/96      |
| SC-06424-S | AROCOR-1248            | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12223035 | U        | QT1496.0 | 9/23/96  | 0000024230 | 9/19/96      |
| SC-06424-S | AROCOR-1254            | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12223035 | U        | QT1496.0 | 9/23/96  | 0000024230 | 9/19/96      |
| SC-06424-S | AROCOR-1260            | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12223035 | U        | QT1496.0 | 9/23/96  | 0000024230 | 9/19/96      |
| SC-06424-S | ARSENIC                | 10.80 |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12223035 |          | QT1496.0 | 9/21/96  | 0000024230 | 9/19/96      |
| SC-06424-S | CHROMIUM               | 18.10 |      | 0.67  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12223035 |          | QT1496.0 | 9/21/96  | 0000024230 | 9/19/96      |
| SC-06424-S | LEAD                   | 18.80 |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12223035 |          | QT1496.0 | 9/21/96  | 0000024230 | 9/19/96      |
| SC-06424-S | RADIUM-226             | 1.24  | 0.13 | 0.49  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3861  |          | WP0147.0 | 11/9/96  | 0000024230 | 9/19/96      |
| SC-06424-S | RADIUM-228             | 1.81  | 0.19 | 0.49  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3861  |          | WP0147.0 | 11/9/96  | 0000024230 | 9/19/96      |
| SC-06424-S | THORIUM-230            | 0.98  | 0.09 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3861  |          | WP0147.0 | 9/28/96  | 0000024230 | 9/19/96      |
| SC-06424-S | URANIUM-238            | ND    |      | 4.38  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3861  |          | WP0147.0 | 11/9/96  | 0000024230 | 9/19/96      |
| SC-06501-S | AROCOR-1248            | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12028014 | U        | QT1477.0 | 9/8/96   | 0000024232 | 9/6/96       |
| SC-06501-S | AROCOR-1254            | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12028014 | U        | QT1477.0 | 9/8/96   | 0000024232 | 9/6/96       |
| SC-06501-S | AROCOR-1260            | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12028014 | U        | QT1477.0 | 9/8/96   | 0000024232 | 9/6/96       |
| SC-06501-S | ARSENIC                | 8.40  |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12028014 |          | QT1477.0 | 9/7/96   | 0000024232 | 9/6/96       |
| SC-06501-S | BENZO(A)ANTHRACENE     | ND    |      | 5.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12028014 | U        | QT1477.0 | 9/8/96   | 0000024232 | 9/6/96       |
| SC-06501-S | BENZO(A)PYRENE         | ND    |      | 9.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12028014 | U        | QT1477.0 | 9/8/96   | 0000024232 | 9/6/96       |
| SC-06501-S | BENZO(B)FLUORANTHENE   | ND    |      | 7.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12028014 | U        | QT1477.0 | 9/8/96   | 0000024232 | 9/6/96       |
| SC-06501-S | BENZO(K)FLUORANTHENE   | ND    |      | 7.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12028014 | U        | QT1477.0 | 9/8/96   | 0000024232 | 9/6/96       |
| SC-06501-S | CHROMIUM               | 12.40 |      | 0.60  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12028014 |          | QT1477.0 | 9/7/96   | 0000024232 | 9/6/96       |
| SC-06501-S | CHRYSENE               | ND    |      | 64.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12028014 | U        | QT1477.0 | 9/8/96   | 0000024232 | 9/6/96       |
| SC-06501-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 18.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12028014 | U        | QT1477.0 | 9/8/96   | 0000024232 | 9/6/96       |
| SC-06501-S | LEAD                   | 18.10 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12028014 |          | QT1477.0 | 9/7/96   | 0000024232 | 9/6/96       |
| SC-06501-S | RADIUM-226             | 1.29  | 0.12 | 0.24  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3806  |          | WP0138.0 | 10/25/96 | 0000024232 | 9/6/96       |
| SC-06501-S | RADIUM-228             | 1.48  | 0.20 | 0.44  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3806  |          | WP0138.0 | 10/25/96 | 0000024232 | 9/6/96       |
| SC-06501-S | THALLIUM               | 0.87  |      | 0.83  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12028014 | B        | QT1477.0 | 9/7/96   | 0000024232 | 9/6/96       |
| SC-06501-S | THORIUM-230            | 1.22  | 0.13 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3806  |          | WP0138.0 | 9/10/96  | 0000024232 | 9/6/96       |
| SC-06501-S | URANIUM-238            | 3.55  | 1.08 | 2.90  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3806  |          | WP0138.0 | 10/25/96 | 0000024232 | 9/6/96       |
| SC-06502-S | URANIUM-238            | ND    |      | 4.08  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3607  |          | WP0138.0 | 9/9/96   | 0000024233 | 9/6/96       |

APPENDIX D TABLE D-1

| WSSRAD ID  | PARAMETER              | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL  | LAB      | LAB  | LAB      | DATE     | SAMPLINK   | DATE    |
|------------|------------------------|-------|------|-------|-------|-----|------|----------|-----------|--------|----------------|------|----------|------|----------|----------|------------|---------|
|            |                        |       |      |       |       |     |      |          |           |        |                | FACT | ID       | QUAL | REQU     | ANA      |            | SAMPLED |
| SC-06503-S | URANIUM-238            | 4.17  | 1.16 | 3.04  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3427  |      | WP0132.0 | 8/30/96  | 0000024432 | 8/28/96 |
| SC-06504-S | AROCLO-1248            | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958001 | U    | QT1467.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06504-S | AROCLO-1254            | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958001 | U    | QT1467.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06504-S | AROCLO-1260            | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958001 | U    | QT1467.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06504-S | ARSENIC                | 22.10 |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958001 |      | QT1467.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06504-S | BENZO(A)ANTHRACENE     | ND    |      | 5.50  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958001 | U    | QT1467.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06504-S | BENZO(A)PYRENE         | ND    |      | 9.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958001 | U    | QT1467.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06504-S | BENZO(B)FLUORANTHENE   | ND    |      | 7.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958001 | U    | QT1467.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06504-S | BENZO(K)FLUORANTHENE   | ND    |      | 7.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958001 | U    | QT1467.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06504-S | CHROMIUM               | 10.80 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958001 |      | QT1467.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06504-S | CHRYSENE               | ND    |      | 63.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958001 | U    | QT1467.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06504-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 18.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958001 | U    | QT1467.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06504-S | LEAD                   | 16.10 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958001 |      | QT1467.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06504-S | RADIUM-226             | 1.40  | 0.11 | 0.34  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3428  |      | WP0132.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06504-S | RADIUM-228             | 1.08  | 0.13 | 0.45  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3428  |      | WP0132.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06504-S | THALLIUM               | 1.80  |      | 0.81  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958001 | B    | QT1467.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06504-S | THORIUM-230            | 1.19  | 0.15 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3428  |      | WP0132.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06504-S | URANIUM-238            | 4.82  | 0.89 | 2.62  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3428  |      | WP0132.0 | 8/30/96  | 0000024433 | 8/28/96 |
| SC-06505-S | AROCLO-1248            | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958012 | U    | QT1467.0 | 8/30/96  | 0000024434 | 8/28/96 |
| SC-06505-S | AROCLO-1254            | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958012 | U    | QT1467.0 | 8/30/96  | 0000024434 | 8/28/96 |
| SC-06505-S | AROCLO-1260            | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958012 | U    | QT1467.0 | 8/30/96  | 0000024434 | 8/28/96 |
| SC-06505-S | ARSENIC                | 7.30  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958012 |      | QT1467.0 | 8/30/96  | 0000024434 | 8/28/96 |
| SC-06505-S | CHROMIUM               | 12.90 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958012 |      | QT1467.0 | 8/30/96  | 0000024434 | 8/28/96 |
| SC-06505-S | LEAD                   | 13.00 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958012 |      | QT1467.0 | 8/30/96  | 0000024434 | 8/28/96 |
| SC-06505-S | THORIUM-230            | 1.29  | 0.15 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3429  |      | WP0132.0 | 8/30/96  | 0000024434 | 8/28/96 |
| SC-06505-S | URANIUM-238            | -2.38 | 1.09 | 3.38  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3429  |      | WP0132.0 | 8/30/96  | 0000024434 | 8/28/96 |
| SC-06506-S | AROCLO-1248            | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958013 | U    | QT1467.0 | 8/30/96  | 0000024435 | 8/28/96 |
| SC-06506-S | AROCLO-1254            | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958013 | U    | QT1467.0 | 8/30/96  | 0000024435 | 8/28/96 |
| SC-06506-S | AROCLO-1260            | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958013 | U    | QT1467.0 | 8/30/96  | 0000024435 | 8/28/96 |
| SC-06506-S | ARSENIC                | 12.70 |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958013 |      | QT1467.0 | 8/30/96  | 0000024435 | 8/28/96 |
| SC-06506-S | CHROMIUM               | 10.80 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958013 |      | QT1467.0 | 8/30/96  | 0000024435 | 8/28/96 |
| SC-06506-S | LEAD                   | 19.30 |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958013 |      | QT1467.0 | 8/30/96  | 0000024435 | 8/28/96 |
| SC-06506-S | THORIUM-230            | 1.41  | 0.19 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3430  |      | WP0132.0 | 8/30/96  | 0000024435 | 8/28/96 |
| SC-06506-S | URANIUM-238            | ND    |      | 3.11  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3430  |      | WP0132.0 | 8/30/96  | 0000024435 | 8/28/96 |
| SC-06507-S | AROCLO-1248            | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12029015 | U    | QT1477.0 | 9/8/96   | 0000024436 | 9/8/96  |
| SC-06507-S | AROCLO-1254            | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12029015 | U    | QT1477.0 | 9/8/96   | 0000024436 | 9/8/96  |
| SC-06507-S | AROCLO-1260            | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12029015 | U    | QT1477.0 | 9/8/96   | 0000024436 | 9/8/96  |
| SC-06507-S | ARSENIC                | 5.40  |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12029015 |      | QT1477.0 | 9/7/96   | 0000024436 | 9/8/96  |
| SC-06507-S | BENZO(A)ANTHRACENE     | 20.00 |      | 5.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12029015 |      | QT1477.0 | 9/8/96   | 0000024436 | 9/8/96  |
| SC-06507-S | BENZO(A)PYRENE         | ND    |      | 9.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12029015 | U    | QT1477.0 | 9/8/96   | 0000024436 | 9/8/96  |
| SC-06507-S | BENZO(B)FLUORANTHENE   | ND    |      | 7.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12029015 | U    | QT1477.0 | 9/8/96   | 0000024436 | 9/8/96  |
| SC-06507-S | BENZO(K)FLUORANTHENE   | ND    |      | 7.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12029015 | U    | QT1477.0 | 9/8/96   | 0000024436 | 9/8/96  |
| SC-06507-S | CHROMIUM               | 10.50 |      | 0.56  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12029015 |      | QT1477.0 | 9/7/96   | 0000024436 | 9/8/96  |
| SC-06507-S | CHRYSENE               | ND    |      | 63.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12029015 | U    | QT1477.0 | 9/8/96   | 0000024436 | 9/8/96  |
| SC-06507-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 18.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12029015 | U    | QT1477.0 | 9/8/96   | 0000024436 | 9/8/96  |
| SC-06507-S | LEAD                   | 12.00 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12029015 |      | QT1477.0 | 9/7/96   | 0000024436 | 9/8/96  |
| SC-06507-S | RADIUM-226             | 1.39  | 0.09 | 0.31  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3608  |      | WP0138.0 | 10/25/96 | 0000024436 | 9/8/96  |
| SC-06507-S | RADIUM-228             | 1.78  | 0.15 | 0.47  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3608  |      | WP0138.0 | 10/25/96 | 0000024436 | 9/8/96  |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL  | LAB      | LAB | LAB      | DATE     | SAMPLING   | DATE    |
|------------|------------------------|-------|------|-------|-------|-----|------|----------|-----------|--------|----------------|------|----------|-----|----------|----------|------------|---------|
| SC-06507-S | THALLIUM               | ND    |      | 0.82  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12029015 | U   | QT1477.0 | 9/7/96   | 0000024436 | 9/6/96  |
| SC-06507-S | THORIUM-230            | 0.73  | 0.07 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3608  |     | WP0138.0 | 9/10/96  | 0000024436 | 9/6/96  |
| SC-06507-S | URANIUM-238            | ND    |      | 3.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3608  |     | WP0138.0 | 10/25/96 | 0000024436 | 9/6/96  |
| SC-06508-S | AROCLOR-1248           | ND    |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12029016 | U   | QT1477.0 | 9/8/96   | 0000024437 | 9/6/96  |
| SC-06508-S | AROCLOR-1254           | ND    |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12029016 | U   | QT1477.0 | 9/8/96   | 0000024437 | 9/6/96  |
| SC-06508-S | AROCLOR-1260           | ND    |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12029016 | U   | QT1477.0 | 9/8/96   | 0000024437 | 9/6/96  |
| SC-06508-S | ARSENIC                | 5.20  |      | 0.43  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12029016 |     | QT1477.0 | 9/7/96   | 0000024437 | 9/6/96  |
| SC-06508-S | BENZO(A)ANTHRACENE     | ND    |      | 4.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12029016 | U   | QT1477.0 | 9/8/96   | 0000024437 | 9/6/96  |
| SC-06508-S | BENZO(A)PYRENE         | ND    |      | 8.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12029016 | U   | QT1477.0 | 9/8/96   | 0000024437 | 9/6/96  |
| SC-06508-S | BENZO(B)FLUORANTHENE   | ND    |      | 8.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12029016 | U   | QT1477.0 | 9/8/96   | 0000024437 | 9/6/96  |
| SC-06508-S | BENZO(K)FLUORANTHENE   | ND    |      | 8.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12029016 | U   | QT1477.0 | 9/8/96   | 0000024437 | 9/6/96  |
| SC-06508-S | CHROMIUM               | 19.30 |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12029016 |     | QT1477.0 | 9/7/96   | 0000024437 | 9/6/96  |
| SC-06508-S | CHRYSENE               | ND    |      | 53.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12029016 | U   | QT1477.0 | 9/8/96   | 0000024437 | 9/6/96  |
| SC-06508-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 15.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12029016 | U   | QT1477.0 | 9/8/96   | 0000024437 | 9/6/96  |
| SC-06508-S | LEAD                   | 9.60  |      | 0.30  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12029016 |     | QT1477.0 | 9/7/96   | 0000024437 | 9/6/96  |
| SC-06508-S | RADIUM-226             | 1.22  | 0.12 | 0.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3609  |     | WP0138.0 | 10/25/96 | 0000024437 | 9/6/96  |
| SC-06508-S | RADIUM-228             | 1.33  | 0.18 | 0.58  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3609  |     | WP0138.0 | 10/25/96 | 0000024437 | 9/6/96  |
| SC-06508-S | THALLIUM               | ND    |      | 0.89  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12029016 | U   | QT1477.0 | 9/7/96   | 0000024437 | 9/6/96  |
| SC-06508-S | THORIUM-230            | 0.97  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3609  |     | WP0138.0 | 9/10/96  | 0000024437 | 9/6/96  |
| SC-06508-S | URANIUM-238            | 2.68  | 1.03 | 3.06  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3609  |     | WP0138.0 | 10/25/96 | 0000024437 | 9/6/96  |
| SC-06508-S | AROCLOR-1248           | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958002 | U   | QT1488.0 | 8/30/96  | 0000024438 | 8/28/96 |
| SC-06508-S | AROCLOR-1254           | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958002 | U   | QT1488.0 | 8/30/96  | 0000024438 | 8/28/96 |
| SC-06508-S | AROCLOR-1260           | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958002 | U   | QT1488.0 | 8/30/96  | 0000024438 | 8/28/96 |
| SC-06508-S | ARSENIC                | 2.80  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958002 |     | QT1488.0 | 8/30/96  | 0000024438 | 8/28/96 |
| SC-06508-S | CHROMIUM               | 14.60 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958002 |     | QT1488.0 | 8/30/96  | 0000024438 | 8/28/96 |
| SC-06508-S | LEAD                   | 7.80  |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958002 |     | QT1488.0 | 8/30/96  | 0000024438 | 8/28/96 |
| SC-06508-S | THALLIUM               | ND    |      | 0.75  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958002 | U   | QT1488.0 | 8/30/96  | 0000024438 | 8/28/96 |
| SC-06508-S | URANIUM-238            | 15.60 | 1.87 | 3.96  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3431  |     | WP0132.0 | 8/31/96  | 0000024438 | 8/28/96 |
| SC-06510-S | AROCLOR-1248           | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958002 | U   | QT1487.0 | 8/30/96  | 0000024439 | 8/28/96 |
| SC-06510-S | AROCLOR-1254           | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958002 | U   | QT1487.0 | 8/30/96  | 0000024439 | 8/28/96 |
| SC-06510-S | AROCLOR-1260           | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958002 | U   | QT1487.0 | 8/30/96  | 0000024439 | 8/28/96 |
| SC-06510-S | ARSENIC                | 6.00  |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958002 |     | QT1487.0 | 8/30/96  | 0000024439 | 8/28/96 |
| SC-06510-S | BENZO(A)ANTHRACENE     | ND    |      | 8.50  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958002 | U   | QT1487.0 | 8/30/96  | 0000024439 | 8/28/96 |
| SC-06510-S | BENZO(A)PYRENE         | ND    |      | 9.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958002 | U   | QT1487.0 | 8/30/96  | 0000024439 | 8/28/96 |
| SC-06510-S | BENZO(B)FLUORANTHENE   | ND    |      | 7.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958002 | U   | QT1487.0 | 8/30/96  | 0000024439 | 8/28/96 |
| SC-06510-S | BENZO(K)FLUORANTHENE   | ND    |      | 7.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958002 | U   | QT1487.0 | 8/30/96  | 0000024439 | 8/28/96 |
| SC-06510-S | CHROMIUM               | 18.80 |      | 0.69  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958002 |     | QT1487.0 | 8/30/96  | 0000024439 | 8/28/96 |
| SC-06510-S | CHRYSENE               | ND    |      | 53.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958002 | U   | QT1487.0 | 8/30/96  | 0000024439 | 8/28/96 |
| SC-06510-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 18.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958002 | U   | QT1487.0 | 8/30/96  | 0000024439 | 8/28/96 |
| SC-06510-S | LEAD                   | 10.10 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958002 |     | QT1487.0 | 8/30/96  | 0000024439 | 8/28/96 |
| SC-06510-S | RADIUM-226             | 1.18  | 0.13 | 0.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3432  |     | WP0132.0 | 9/30/96  | 0000024439 | 8/28/96 |
| SC-06510-S | RADIUM-228             | 1.24  | 0.17 | 0.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3432  |     | WP0132.0 | 9/30/96  | 0000024439 | 8/28/96 |
| SC-06510-S | THALLIUM               | 1.30  |      | 0.82  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958002 | B   | QT1487.0 | 8/30/96  | 0000024439 | 8/28/96 |
| SC-06510-S | THORIUM-230            | 1.31  | 0.17 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3432  |     | WP0132.0 | 8/30/96  | 0000024439 | 8/28/96 |
| SC-06510-S | URANIUM-238            | 4.41  | 1.22 | 3.25  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3432  |     | WP0132.0 | 9/30/96  | 0000024439 | 8/28/96 |
| SC-06511-S | AROCLOR-1248           | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958003 | U   | QT1487.0 | 8/30/96  | 0000024440 | 8/28/96 |
| SC-06511-S | AROCLOR-1254           | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958003 | U   | QT1487.0 | 8/30/96  | 0000024440 | 8/28/96 |
| SC-06511-S | AROCLOR-1260           | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958003 | U   | QT1487.0 | 8/30/96  | 0000024440 | 8/28/96 |

APPENDIX D TABLE D-1

| WSSRAP ID       | PARAMETER              | CONC   | ERR   | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANAL | SAMPLINK   | DATE SAMPLED |
|-----------------|------------------------|--------|-------|-------|-------|-----|------|----------|-----------|--------|----------------|----------|----------|----------|----------|-----------|------------|--------------|
| SC-06511-S      | ARSENIC                | 2.60   |       | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11958003 |          | QT1467.0 | 8/30/96   | 0000024440 | 8/28/96      |
| SC-06511-S      | BENZO(A)ANTHRACENE     | ND     |       | 5.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11958003 | U        | QT1467.0 | 8/30/96   | 0000024440 | 8/28/96      |
| SC-06511-S      | BENZO(A)PYRENE         | ND     |       | 9.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11958003 | U        | QT1467.0 | 8/30/96   | 0000024440 | 8/28/96      |
| SC-06511-S      | BENZO(B)FLUORANTHENE   | ND     |       | 7.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11958003 | U        | QT1467.0 | 8/30/96   | 0000024440 | 8/28/96      |
| SC-06511-S      | BENZO(K)FLUORANTHENE   | ND     |       | 6.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11958003 | U        | QT1467.0 | 8/30/96   | 0000024440 | 8/28/96      |
| SC-06511-S      | CHROMIUM               | 16.30  |       | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11958003 |          | QT1467.0 | 8/30/96   | 0000024440 | 8/28/96      |
| SC-06511-S      | CHRYSENE               | ND     |       | 59.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11958003 | U        | QT1467.0 | 8/30/96   | 0000024440 | 8/28/96      |
| SC-06511-S      | INDENO(1,2,3-CD)PYRENE | ND     |       | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11958003 | U        | QT1467.0 | 8/30/96   | 0000024440 | 8/28/96      |
| SC-06511-S      | LEAD                   | 8.20   |       | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11958003 |          | QT1467.0 | 8/30/96   | 0000024440 | 8/28/96      |
| SC-06511-S      | RADIUM-226             | 1.55   | 0.11  | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3433  |          | WP0132.0 | 9/30/96   | 0000024440 | 8/28/96      |
| SC-06511-S      | RADIUM-228             | 1.17   | 0.13  | 0.47  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3433  |          | WP0132.0 | 9/30/96   | 0000024440 | 8/28/96      |
| SC-06511-S      | THALLIUM               | ND     |       | 0.78  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11958003 | U        | QT1467.0 | 8/30/96   | 0000024440 | 8/28/96      |
| SC-06511-S      | THORIUM-230            | 1.12   | 0.14  | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3433  |          | WP0132.0 | 9/30/96   | 0000024440 | 8/28/96      |
| SC-06511-S      | URANIUM-238            | 7.80   | 1.12  | 2.51  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3433  |          | WP0132.0 | 9/30/96   | 0000024440 | 8/28/96      |
| SC-06511-S-H501 | RADIUM-226             | 1.39   | 0.11  | 0.35  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3882  |          | WP0148.0 | 11/9/96   | 0000030240 | 9/20/96      |
| SC-06511-S-H501 | RADIUM-228             | 1.24   | 0.18  | 0.65  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3882  |          | WP0148.0 | 11/9/96   | 0000030240 | 9/20/96      |
| SC-06511-S-H501 | THORIUM-230            | 1.45   | 0.18  | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3882  |          | WP0148.0 | 9/28/96   | 0000030240 | 9/20/96      |
| SC-06511-S-H501 | URANIUM-238            | 228.00 | 15.90 | 8.10  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3882  |          | WP0148.0 | 11/9/96   | 0000030240 | 9/20/96      |
| SC-06512-S      | AROCLOR-1248           | ND     |       | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 11958004 | U        | QT1467.0 | 8/30/96   | 0000024441 | 8/28/96      |
| SC-06512-S      | AROCLOR-1254           | ND     |       | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 11958004 | U        | QT1467.0 | 8/30/96   | 0000024441 | 8/28/96      |
| SC-06512-S      | AROCLOR-1260           | ND     |       | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 11958004 | U        | QT1467.0 | 8/30/96   | 0000024441 | 8/28/96      |
| SC-06512-S      | ARSENIC                | 4.30   |       | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11958004 |          | QT1467.0 | 8/30/96   | 0000024441 | 8/28/96      |
| SC-06512-S      | BENZO(A)ANTHRACENE     | ND     |       | 5.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11958004 | U        | QT1467.0 | 8/30/96   | 0000024441 | 8/28/96      |
| SC-06512-S      | BENZO(A)PYRENE         | ND     |       | 9.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11958004 | U        | QT1467.0 | 8/30/96   | 0000024441 | 8/28/96      |
| SC-06512-S      | BENZO(B)FLUORANTHENE   | ND     |       | 7.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11958004 | U        | QT1467.0 | 8/30/96   | 0000024441 | 8/28/96      |
| SC-06512-S      | BENZO(K)FLUORANTHENE   | ND     |       | 6.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11958004 | U        | QT1467.0 | 8/30/96   | 0000024441 | 8/28/96      |
| SC-06512-S      | CHROMIUM               | 12.40  |       | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11958004 |          | QT1467.0 | 8/30/96   | 0000024441 | 8/28/96      |
| SC-06512-S      | CHRYSENE               | ND     |       | 59.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11958004 | U        | QT1467.0 | 8/30/96   | 0000024441 | 8/28/96      |
| SC-06512-S      | INDENO(1,2,3-CD)PYRENE | ND     |       | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11958004 | U        | QT1467.0 | 8/30/96   | 0000024441 | 8/28/96      |
| SC-06512-S      | LEAD                   | 6.30   |       | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11958004 |          | QT1467.0 | 8/30/96   | 0000024441 | 8/28/96      |
| SC-06512-S      | RADIUM-226             | 1.49   | 0.12  | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3434  |          | WP0132.0 | 9/30/96   | 0000024441 | 8/28/96      |
| SC-06512-S      | RADIUM-228             | 1.42   | 0.17  | 0.46  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3434  |          | WP0132.0 | 9/30/96   | 0000024441 | 8/28/96      |
| SC-06512-S      | THALLIUM               | ND     |       | 0.78  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11958004 | U        | QT1467.0 | 8/30/96   | 0000024441 | 8/28/96      |
| SC-06512-S      | THORIUM-230            | 1.23   | 0.15  | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3434  |          | WP0132.0 | 9/30/96   | 0000024441 | 8/28/96      |
| SC-06512-S      | URANIUM-238            | 6.54   | 1.49  | 3.80  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3434  |          | WP0132.0 | 9/30/96   | 0000024441 | 8/28/96      |
| SC-06513-S      | AROCLOR-1248           | ND     |       | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 12029017 | U        | QT1477.0 | 9/8/96    | 0000024442 | 9/8/96       |
| SC-06513-S      | AROCLOR-1254           | ND     |       | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 12029017 | U        | QT1477.0 | 9/8/96    | 0000024442 | 9/8/96       |
| SC-06513-S      | AROCLOR-1260           | ND     |       | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 12029017 | U        | QT1477.0 | 9/8/96    | 0000024442 | 9/8/96       |
| SC-06513-S      | ARSENIC                | 7.10   |       | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 12029017 |          | QT1477.0 | 9/7/96    | 0000024442 | 9/8/96       |
| SC-06513-S      | BENZO(A)ANTHRACENE     | 19.00  |       | 5.10  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 12029017 |          | QT1477.0 | 9/8/96    | 0000024442 | 9/8/96       |
| SC-06513-S      | BENZO(A)PYRENE         | ND     |       | 9.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 12029017 | U        | QT1477.0 | 9/8/96    | 0000024442 | 9/8/96       |
| SC-06513-S      | BENZO(B)FLUORANTHENE   | ND     |       | 7.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 12029017 | U        | QT1477.0 | 9/8/96    | 0000024442 | 9/8/96       |
| SC-06513-S      | BENZO(K)FLUORANTHENE   | ND     |       | 6.90  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 12029017 | U        | QT1477.0 | 9/8/96    | 0000024442 | 9/8/96       |
| SC-06513-S      | CHROMIUM               | 17.70  |       | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 12029017 |          | QT1477.0 | 9/7/96    | 0000024442 | 9/8/96       |
| SC-06513-S      | CHRYSENE               | ND     |       | 58.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 12029017 | U        | QT1477.0 | 9/8/96    | 0000024442 | 9/8/96       |
| SC-06513-S      | INDENO(1,2,3-CD)PYRENE | ND     |       | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 12029017 | U        | QT1477.0 | 9/8/96    | 0000024442 | 9/8/96       |
| SC-06513-S      | LEAD                   | 10.80  |       | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 12029017 |          | QT1477.0 | 9/7/96    | 0000024442 | 9/8/96       |
| SC-06513-S      | RADIUM-226             | 1.40   | 0.12  | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3810  |          | WP0138.0 | 10/25/96  | 0000024442 | 9/8/96       |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER              | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DR   | LAB ID   | LAB QUAL | LAB REQD | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|------------------------|--------|------|-------|-------|-----|------|----------|-----------|--------|----------------|------|----------|----------|----------|----------|------------|--------------|
| SC-06513-S | RADIUM-226             | 1.25   | 0.20 | 0.71  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3610  |          | WP0138.0 | 10/25/96 | 0000024442 | 9/6/96       |
| SC-06513-S | THALLIUM               | 0.83   |      | 0.78  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 12020017 | B        | QT1477.0 | 9/7/96   | 0000024442 | 9/6/96       |
| SC-06513-S | THORIUM-230            | 0.74   | 0.00 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3610  |          | WP0138.0 | 9/10/96  | 0000024442 | 9/6/96       |
| SC-06513-S | URANIUM-238            | ND     |      | 4.12  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3610  |          | WP0138.0 | 10/25/96 | 0000024442 | 9/6/96       |
| SC-06514-S | BENZO(A)ANTHRACENE     | 51.00  |      | 5.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12020020 |          | QT1477.0 | 9/9/96   | 0000024443 | 9/6/96       |
| SC-06514-S | BENZO(A)PYRENE         | ND     |      | 8.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12020020 | U        | QT1477.0 | 9/9/96   | 0000024443 | 9/6/96       |
| SC-06514-S | BENZO(B)FLUORANTHENE   | ND     |      | 7.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12020020 | U        | QT1477.0 | 9/9/96   | 0000024443 | 9/6/96       |
| SC-06514-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.50  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12020020 | U        | QT1477.0 | 9/9/96   | 0000024443 | 9/6/96       |
| SC-06514-S | CHRYSENE               | ND     |      | 58.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12020020 | U        | QT1477.0 | 9/9/96   | 0000024443 | 9/6/96       |
| SC-06514-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 12020020 | U        | QT1477.0 | 9/9/96   | 0000024443 | 9/6/96       |
| SC-06514-S | URANIUM-238            | 3.03   | 0.73 | 2.67  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3611  |          | WP0138.0 | 9/9/96   | 0000024443 | 9/6/96       |
| SC-06515-S | BENZO(A)ANTHRACENE     | ND     |      | 5.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958008 | U        | QT1467.0 | 8/31/96  | 0000024444 | 8/28/96      |
| SC-06515-S | BENZO(A)PYRENE         | ND     |      | 9.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958008 | U        | QT1467.0 | 8/31/96  | 0000024444 | 8/28/96      |
| SC-06515-S | BENZO(B)FLUORANTHENE   | ND     |      | 7.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958008 | U        | QT1467.0 | 8/31/96  | 0000024444 | 8/28/96      |
| SC-06515-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958008 | U        | QT1467.0 | 8/31/96  | 0000024444 | 8/28/96      |
| SC-06515-S | CHRYSENE               | ND     |      | 60.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958008 | U        | QT1467.0 | 8/31/96  | 0000024444 | 8/28/96      |
| SC-06515-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958008 | U        | QT1467.0 | 8/31/96  | 0000024444 | 8/28/96      |
| SC-06515-S | URANIUM-238            | ND     |      | 4.01  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3438  |          | WP0132.0 | 8/31/96  | 0000024444 | 8/28/96      |
| SC-06515-S | AROCLOR-1248           | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958008 |          | QT1467.0 | 8/30/96  | 0000024445 | 8/28/96      |
| SC-06515-S | AROCLOR-1254           | 190.00 |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958008 |          | QT1467.0 | 8/30/96  | 0000024445 | 8/28/96      |
| SC-06515-S | AROCLOR-1260           | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958008 | U        | QT1467.0 | 8/30/96  | 0000024445 | 8/28/96      |
| SC-06515-S | ARSENIC                | 4.20   |      | 0.45  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958008 |          | QT1467.0 | 8/30/96  | 0000024445 | 8/28/96      |
| SC-06515-S | BENZO(A)ANTHRACENE     | 18.00  |      | 4.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958008 |          | QT1467.0 | 8/31/96  | 0000024445 | 8/28/96      |
| SC-06515-S | BENZO(A)PYRENE         | ND     |      | 8.50  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958008 | U        | QT1467.0 | 8/31/96  | 0000024445 | 8/28/96      |
| SC-06515-S | BENZO(B)FLUORANTHENE   | ND     |      | 8.70  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958008 | U        | QT1467.0 | 8/31/96  | 0000024445 | 8/28/96      |
| SC-06515-S | BENZO(K)FLUORANTHENE   | ND     |      | 8.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958008 | U        | QT1467.0 | 8/31/96  | 0000024445 | 8/28/96      |
| SC-06515-S | CHROMIUM               | 15.10  |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958008 |          | QT1467.0 | 8/30/96  | 0000024445 | 8/28/96      |
| SC-06515-S | CHRYSENE               | ND     |      | 58.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958008 | U        | QT1467.0 | 8/31/96  | 0000024445 | 8/28/96      |
| SC-06515-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 18.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958008 | U        | QT1467.0 | 8/31/96  | 0000024445 | 8/28/96      |
| SC-06515-S | LEAD                   | 11.50  |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958008 |          | QT1467.0 | 8/30/96  | 0000024445 | 8/28/96      |
| SC-06516-S | RADIUM-226             | 1.44   | 0.13 | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3437  |          | WP0132.0 | 9/30/96  | 0000024445 | 8/28/96      |
| SC-06516-S | RADIUM-228             | 1.16   | 0.18 | 0.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3437  |          | WP0132.0 | 9/30/96  | 0000024445 | 8/28/96      |
| SC-06516-S | THALLIUM               | ND     |      | 0.72  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958008 | U        | QT1467.0 | 8/30/96  | 0000024445 | 8/28/96      |
| SC-06516-S | THORIUM-230            | 0.89   | 0.10 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3437  |          | WP0132.0 | 9/30/96  | 0000024445 | 8/28/96      |
| SC-06516-S | URANIUM-238            | ND     |      | 4.23  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3437  |          | WP0132.0 | 9/30/96  | 0000024445 | 8/28/96      |
| SC-06517-C | AROCLOR-1248           | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958021 | U        | QT1467.0 | 8/30/96  | 0000024448 | 8/28/96      |
| SC-06517-C | AROCLOR-1254           | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958021 | U        | QT1467.0 | 8/30/96  | 0000024448 | 8/28/96      |
| SC-06517-C | AROCLOR-1260           | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958021 | U        | QT1467.0 | 8/30/96  | 0000024448 | 8/28/96      |
| SC-06517-S | AROCLOR-1248           | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958009 | U        | QT1467.0 | 8/30/96  | 0000024447 | 8/28/96      |
| SC-06517-S | AROCLOR-1254           | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958009 | U        | QT1467.0 | 8/30/96  | 0000024447 | 8/28/96      |
| SC-06517-S | AROCLOR-1260           | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11958009 | U        | QT1467.0 | 8/30/96  | 0000024447 | 8/28/96      |
| SC-06517-S | URANIUM-238            | ND     |      | 4.35  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3438  |          | WP0132.0 | 8/31/96  | 0000024447 | 8/28/96      |
| SC-06518-S | AROCLOR-1248           | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12084001 | U        | QT1467.1 | 9/11/96  | 0000024448 | 8/28/96      |
| SC-06518-S | AROCLOR-1254           | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12084001 | U        | QT1467.1 | 9/11/96  | 0000024448 | 8/28/96      |
| SC-06518-S | AROCLOR-1260           | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 12084001 | U        | QT1467.1 | 9/11/96  | 0000024448 | 8/28/96      |
| SC-06518-S | BENZO(A)ANTHRACENE     | ND     |      | 5.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958010 | U        | QT1467.0 | 8/31/96  | 0000024448 | 8/28/96      |
| SC-06518-S | BENZO(A)PYRENE         | ND     |      | 9.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958010 | U        | QT1467.0 | 8/31/96  | 0000024448 | 8/28/96      |
| SC-06518-S | BENZO(B)FLUORANTHENE   | ND     |      | 7.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958010 | U        | QT1467.0 | 8/31/96  | 0000024448 | 8/28/96      |

APPENDIX D TABLE D-1

| WSSRAP ID       | PARAMETER              | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DL FACT | LAB ID   | LAB QUAL | LAB REQ  | DATE ANA | SAMPLINK   | DATE SAMPLED |
|-----------------|------------------------|-------|------|-------|-------|-----|------|----------|-----------|--------|----------------|---------|----------|----------|----------|----------|------------|--------------|
| SC-06518-S      | BENZO(K)FLUORANTHENE   | ND    |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11958010 | U        | QT1467.0 | 8/31/96  | 0000024448 | 8/28/96      |
| SC-06518-S      | CHRYSENE               | ND    |      | 60.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11958010 | U        | QT1467.0 | 8/31/96  | 0000024448 | 8/28/96      |
| SC-06518-S      | INDENO(1,2,3-CD)PYRENE | ND    |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11958010 | U        | QT1467.0 | 8/31/96  | 0000024448 | 8/28/96      |
| SC-06518-S      | URANIUM-238            | ND    |      | 5.91  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3438  |          | WP0132.0 | 8/31/96  | 0000024448 | 8/28/96      |
| SC-06518-S-HS01 | RADIUM-226             | 1.27  | 0.12 | 0.23  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3863  |          | WP0148.0 | 11/9/96  | 0000030241 | 9/20/96      |
| SC-06518-S-HS01 | RADIUM-228             | ND    |      | 1.22  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3863  |          | WP0148.0 | 11/9/96  | 0000030241 | 9/20/96      |
| SC-06518-S-HS01 | THORIUM-230            | 1.06  | 0.18 | 0.72  | PC/KG | *   |      |          | EMI TH-01 | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3863  |          | WP0148.0 | 9/26/96  | 0000030241 | 9/20/96      |
| SC-06518-S-HS01 | URANIUM-238            | 21.80 | 2.95 | 5.50  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3863  |          | WP0148.0 | 11/9/96  | 0000030241 | 9/20/96      |
| SC-06519-S      | AROCLOR-1248           | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12029018 | U        | QT1477.0 | 9/8/96   | 0000024448 | 9/6/96       |
| SC-06519-S      | AROCLOR-1254           | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12029018 | U        | QT1477.0 | 9/8/96   | 0000024448 | 9/6/96       |
| SC-06519-S      | AROCLOR-1260           | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 12029018 | U        | QT1477.0 | 9/8/96   | 0000024448 | 9/6/96       |
| SC-06519-S      | ARSENIC                | 10.70 |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12029018 |          | QT1477.0 | 9/7/96   | 0000024448 | 9/6/96       |
| SC-06519-S      | BENZO(A)ANTHRACENE     | 67.00 |      | 4.90  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12029018 |          | QT1477.0 | 9/8/96   | 0000024448 | 9/6/96       |
| SC-06519-S      | BENZO(A)PYRENE         | ND    |      | 8.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12029018 | U        | QT1477.0 | 9/8/96   | 0000024448 | 9/6/96       |
| SC-06519-S      | BENZO(B)FLUORANTHENE   | ND    |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12029018 | U        | QT1477.0 | 9/8/96   | 0000024448 | 9/6/96       |
| SC-06519-S      | BENZO(K)FLUORANTHENE   | ND    |      | 6.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12029018 | U        | QT1477.0 | 9/8/96   | 0000024448 | 9/6/96       |
| SC-06519-S      | CHROMIUM               | 18.60 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12029018 |          | QT1477.0 | 9/7/96   | 0000024448 | 9/6/96       |
| SC-06519-S      | CHRYSENE               | ND    |      | 56.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12029018 | U        | QT1477.0 | 9/8/96   | 0000024448 | 9/6/96       |
| SC-06519-S      | INDENO(1,2,3-CD)PYRENE | ND    |      | 16.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12029018 | U        | QT1477.0 | 9/8/96   | 0000024448 | 9/6/96       |
| SC-06519-S      | LEAD                   | 19.80 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12029018 |          | QT1477.0 | 9/7/96   | 0000024448 | 9/6/96       |
| SC-06519-S      | RADIUM-226             | 1.42  | 0.11 | 0.31  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3612  |          | WP0138.0 | 10/25/96 | 0000024448 | 9/6/96       |
| SC-06519-S      | RADIUM-228             | 1.18  | 0.13 | 0.47  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3612  |          | WP0138.0 | 10/25/96 | 0000024448 | 9/6/96       |
| SC-06519-S      | THALLIUM               | 0.91  |      | 0.73  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 12029018 | B        | QT1477.0 | 9/7/96   | 0000024448 | 9/6/96       |
| SC-06519-S      | THORIUM-230            | 0.98  | 0.10 | 0.72  | PC/KG | *   |      |          | EMI TH-01 | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3612  |          | WP0138.0 | 9/10/96  | 0000024448 | 9/6/96       |
| SC-06519-S      | URANIUM-238            | ND    |      | 3.17  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3612  |          | WP0138.0 | 10/25/96 | 0000024448 | 9/6/96       |
| SC-06520-S      | BENZO(A)ANTHRACENE     | 6.40  |      | 5.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12029018 |          | QT1477.0 | 9/8/96   | 0000024450 | 9/6/96       |
| SC-06520-S      | BENZO(A)PYRENE         | ND    |      | 8.60  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12029018 | U        | QT1477.0 | 9/8/96   | 0000024450 | 9/6/96       |
| SC-06520-S      | BENZO(B)FLUORANTHENE   | ND    |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12029018 | U        | QT1477.0 | 9/8/96   | 0000024450 | 9/6/96       |
| SC-06520-S      | BENZO(K)FLUORANTHENE   | ND    |      | 6.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12029018 | U        | QT1477.0 | 9/8/96   | 0000024450 | 9/6/96       |
| SC-06520-S      | CHRYSENE               | ND    |      | 56.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12029018 | U        | QT1477.0 | 9/8/96   | 0000024450 | 9/6/96       |
| SC-06520-S      | INDENO(1,2,3-CD)PYRENE | ND    |      | 16.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 12029018 | U        | QT1477.0 | 9/8/96   | 0000024450 | 9/6/96       |
| SC-06520-S      | URANIUM-238            | 2.45  | 0.84 | 2.43  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3613  |          | WP0138.0 | 9/8/96   | 0000024450 | 9/6/96       |
| SC-06521-S      | BENZO(A)ANTHRACENE     | ND    |      | 5.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11958011 | U        | QT1467.0 | 8/31/96  | 0000024451 | 8/28/96      |
| SC-06521-S      | BENZO(A)PYRENE         | ND    |      | 9.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11958011 | U        | QT1467.0 | 8/31/96  | 0000024451 | 8/28/96      |
| SC-06521-S      | BENZO(B)FLUORANTHENE   | ND    |      | 7.40  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11958011 | U        | QT1467.0 | 8/31/96  | 0000024451 | 8/28/96      |
| SC-06521-S      | BENZO(K)FLUORANTHENE   | ND    |      | 7.00  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11958011 | U        | QT1467.0 | 8/31/96  | 0000024451 | 8/28/96      |
| SC-06521-S      | CHRYSENE               | ND    |      | 61.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11958011 | U        | QT1467.0 | 8/31/96  | 0000024451 | 8/28/96      |
| SC-06521-S      | INDENO(1,2,3-CD)PYRENE | ND    |      | 18.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11958011 | U        | QT1467.0 | 8/31/96  | 0000024451 | 8/28/96      |
| SC-06521-S      | URANIUM-238            | ND    |      | 4.28  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3460  |          | WP0133.0 | 8/31/96  | 0000024451 | 8/28/96      |
| SC-06522-S      | AROCLOR-1248           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11958007 | U        | QT1467.0 | 8/30/96  | 0000024452 | 8/28/96      |
| SC-06522-S      | AROCLOR-1254           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11958007 | U        | QT1467.0 | 8/30/96  | 0000024452 | 8/28/96      |
| SC-06522-S      | AROCLOR-1260           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11958007 | U        | QT1467.0 | 8/30/96  | 0000024452 | 8/28/96      |
| SC-06522-S      | ARSENIC                | 6.70  |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11958007 |          | QT1467.0 | 8/30/96  | 0000024452 | 8/28/96      |
| SC-06522-S      | BENZO(A)ANTHRACENE     | ND    |      | 5.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11958007 | U        | QT1467.0 | 8/31/96  | 0000024452 | 8/28/96      |
| SC-06522-S      | BENZO(A)PYRENE         | ND    |      | 9.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11958007 | U        | QT1467.0 | 8/31/96  | 0000024452 | 8/28/96      |
| SC-06522-S      | BENZO(B)FLUORANTHENE   | ND    |      | 7.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11958007 | U        | QT1467.0 | 8/31/96  | 0000024452 | 8/28/96      |
| SC-06522-S      | BENZO(K)FLUORANTHENE   | ND    |      | 6.90  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11958007 | U        | QT1467.0 | 8/31/96  | 0000024452 | 8/28/96      |
| SC-06522-S      | CHROMIUM               | 12.00 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11958007 |          | QT1467.0 | 8/30/96  | 0000024452 | 8/28/96      |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER              | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DL   | LAB      | LAB | LAB      | DATE    | SAMPLING   | DATE    |
|------------|------------------------|--------|------|-------|-------|-----|------|----------|-----------|--------|----------------|------|----------|-----|----------|---------|------------|---------|
| SC-06522-S | CHRYSENE               | ND     |      | 60.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958007 | U   | QT1467.0 | 8/31/96 | 0000024452 | 8/28/96 |
| SC-06522-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11958007 | U   | QT1467.0 | 8/31/96 | 0000024452 | 8/28/96 |
| SC-06522-S | LEAD                   | 817.00 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958007 |     | QT1467.0 | 8/30/96 | 0000024452 | 8/28/96 |
| SC-06522-S | RADIUM-226             | 1.40   | 0.10 | 0.27  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3461  |     | WP0133.0 | 10/1/96 | 0000024452 | 8/28/96 |
| SC-06522-S | RADIUM-226             | 1.11   | 0.13 | 0.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3461  |     | WP0133.0 | 10/1/96 | 0000024452 | 8/28/96 |
| SC-06522-S | THALLIUM               | 0.88   |      | 0.77  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11958007 | U   | QT1467.0 | 8/30/96 | 0000024452 | 8/28/96 |
| SC-06522-S | THORIUM-230            | 1.21   | 0.13 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3461  |     | WP0133.0 | 9/5/96  | 0000024452 | 8/28/96 |
| SC-06522-S | URANIUM-238            | ND     |      | 3.13  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3461  |     | WP0133.0 | 10/1/96 | 0000024452 | 8/28/96 |
| SC-06523-S | BENZO(A)ANTHRACENE     | ND     |      | 5.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11970001 | U   | QT1470.0 | 9/1/96  | 0000024453 | 8/28/96 |
| SC-06523-S | BENZO(A)PYRENE         | ND     |      | 9.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11970001 | U   | QT1470.0 | 9/1/96  | 0000024453 | 8/28/96 |
| SC-06523-S | BENZO(B)FLUORANTHENE   | ND     |      | 7.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11970001 | U   | QT1470.0 | 9/1/96  | 0000024453 | 8/28/96 |
| SC-06523-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11970001 | U   | QT1470.0 | 9/1/96  | 0000024453 | 8/28/96 |
| SC-06523-S | CHRYSENE               | ND     |      | 60.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11970001 | U   | QT1470.0 | 9/1/96  | 0000024453 | 8/28/96 |
| SC-06523-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11970001 | U   | QT1470.0 | 9/1/96  | 0000024453 | 8/28/96 |
| SC-06523-S | URANIUM-238            | ND     |      | 4.86  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3463  |     | WP0134.0 | 8/3/96  | 0000024453 | 8/28/96 |
| SC-06524-S | BENZO(A)ANTHRACENE     | 22.00  |      | 5.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11959017 |     | QT1468.0 | 8/31/96 | 0000024454 | 8/28/96 |
| SC-06524-S | BENZO(A)PYRENE         | 17.00  |      | 9.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11959017 |     | QT1468.0 | 8/31/96 | 0000024454 | 8/28/96 |
| SC-06524-S | BENZO(B)FLUORANTHENE   | 27.00  |      | 7.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11959017 |     | QT1468.0 | 8/31/96 | 0000024454 | 8/28/96 |
| SC-06524-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11959017 | U   | QT1468.0 | 8/31/96 | 0000024454 | 8/28/96 |
| SC-06524-S | CHRYSENE               | ND     |      | 60.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11959017 | U   | QT1468.0 | 8/31/96 | 0000024454 | 8/28/96 |
| SC-06524-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00 | 11959017 | U   | QT1468.0 | 8/31/96 | 0000024454 | 8/28/96 |
| SC-06524-S | URANIUM-238            | 7.60   | 1.13 | 2.77  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3462  |     | WP0133.0 | 8/31/96 | 0000024454 | 8/28/96 |
| SC-06601-C | AROCLOR-1248           | ND     |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11884001 | U   | QT1458.0 | 8/23/96 | 0000024455 | 8/21/96 |
| SC-06601-C | AROCLOR-1254           | ND     |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11884001 | U   | QT1458.0 | 8/23/96 | 0000024455 | 8/21/96 |
| SC-06601-C | AROCLOR-1260           | ND     |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11884001 | U   | QT1458.0 | 8/23/96 | 0000024455 | 8/21/96 |
| SC-06601-C | ARSENIC                | 8.30   |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11884001 |     | QT1458.0 | 8/23/96 | 0000024455 | 8/21/96 |
| SC-06601-C | CHROMIUM               | 15.30  |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11884001 |     | QT1458.0 | 8/23/96 | 0000024455 | 8/21/96 |
| SC-06601-C | LEAD                   | 20.00  |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11884001 |     | QT1458.0 | 8/23/96 | 0000024455 | 8/21/96 |
| SC-06601-C | THORIUM-230            | 2.63   | 0.15 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3289  |     | WP0126.0 | 8/25/96 | 0000024455 | 8/21/96 |
| SC-06601-S | AROCLOR-1248           | ND     |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11884002 | U   | QT1458.0 | 8/23/96 | 0000024456 | 8/21/96 |
| SC-06601-S | AROCLOR-1254           | ND     |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11884002 | U   | QT1458.0 | 8/23/96 | 0000024456 | 8/21/96 |
| SC-06601-S | AROCLOR-1260           | ND     |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11884002 | U   | QT1458.0 | 8/23/96 | 0000024456 | 8/21/96 |
| SC-06601-S | ARSENIC                | 4.90   |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11884002 |     | QT1458.0 | 8/23/96 | 0000024456 | 8/21/96 |
| SC-06601-S | CHROMIUM               | 8.50   |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11884002 |     | QT1458.0 | 8/23/96 | 0000024456 | 8/21/96 |
| SC-06601-S | LEAD                   | 8.80   |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11884002 |     | QT1458.0 | 8/23/96 | 0000024456 | 8/21/96 |
| SC-06601-S | RADIUM-226             | 1.22   | 0.11 | 0.38  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3290  |     | WP0126.0 | 8/25/96 | 0000024456 | 8/21/96 |
| SC-06601-S | RADIUM-226             | ND     |      | 0.84  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3290  |     | WP0126.0 | 8/25/96 | 0000024456 | 8/21/96 |
| SC-06601-S | THORIUM-230            | 2.52   | 0.12 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3290  |     | WP0126.0 | 8/25/96 | 0000024456 | 8/21/96 |
| SC-06601-S | URANIUM-238            | ND     |      | 3.08  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3290  |     | WP0126.0 | 8/25/96 | 0000024456 | 8/21/96 |
| SC-06602-S | AROCLOR-1248           | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11884003 | U   | QT1458.0 | 8/23/96 | 0000024457 | 8/21/96 |
| SC-06602-S | AROCLOR-1254           | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11884003 | U   | QT1458.0 | 8/23/96 | 0000024457 | 8/21/96 |
| SC-06602-S | AROCLOR-1260           | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00 | 11884003 | U   | QT1458.0 | 8/23/96 | 0000024457 | 8/21/96 |
| SC-06602-S | ARSENIC                | 11.90  |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11884003 |     | QT1458.0 | 8/23/96 | 0000024457 | 8/21/96 |
| SC-06602-S | CHROMIUM               | 14.50  |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11884003 |     | QT1458.0 | 8/23/96 | 0000024457 | 8/21/96 |
| SC-06602-S | LEAD                   | 18.60  |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00 | 11884003 |     | QT1458.0 | 8/23/96 | 0000024457 | 8/21/96 |
| SC-06602-S | RADIUM-226             | 1.49   | 0.13 | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3291  |     | WP0126.0 | 8/25/96 | 0000024457 | 8/21/96 |
| SC-06602-S | RADIUM-226             | 1.32   | 0.18 | 0.75  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3291  |     | WP0126.0 | 8/25/96 | 0000024457 | 8/21/96 |
| SC-06602-S | THORIUM-230            | 2.73   | 0.14 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00 | WSC3291  |     | WP0126.0 | 8/25/96 | 0000024457 | 8/21/96 |

APPENDIX D TABLE D-1

| W55RAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-06602-S | URANIUM-238 | ND    |      | 4.07  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3291  |          | WP0126.0 | 9/25/96  | 0000024457 | 8/21/96      |
| SC-06603-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884004 | U        | QT1458.0 | 8/23/96  | 0000024458 | 8/21/96      |
| SC-06603-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884004 | U        | QT1458.0 | 8/23/96  | 0000024458 | 8/21/96      |
| SC-06603-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884004 | U        | QT1458.0 | 8/23/96  | 0000024458 | 8/21/96      |
| SC-06603-S | ARSENIC     | 7.50  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884004 |          | QT1458.0 | 8/23/96  | 0000024458 | 8/21/96      |
| SC-06603-S | CHROMIUM    | 19.90 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884004 |          | QT1458.0 | 8/23/96  | 0000024458 | 8/21/96      |
| SC-06603-S | LEAD        | 12.50 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884004 |          | QT1458.0 | 8/23/96  | 0000024458 | 8/21/96      |
| SC-06603-S | RADIUM-226  | 1.43  | 0.10 | 0.35  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3292  |          | WP0126.0 | 9/25/96  | 0000024458 | 8/21/96      |
| SC-06603-S | RADIUM-228  | 1.27  | 0.14 | 0.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3292  |          | WP0126.0 | 9/25/96  | 0000024458 | 8/21/96      |
| SC-06603-S | THORIUM-230 | 2.68  | 0.15 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3292  |          | WP0126.0 | 9/25/96  | 0000024458 | 8/21/96      |
| SC-06603-S | URANIUM-238 | ND    |      | 3.13  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3292  |          | WP0126.0 | 9/25/96  | 0000024458 | 8/21/96      |
| SC-06604-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884005 | U        | QT1458.0 | 8/23/96  | 0000024459 | 8/21/96      |
| SC-06604-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884005 | U        | QT1458.0 | 8/23/96  | 0000024459 | 8/21/96      |
| SC-06604-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884005 | U        | QT1458.0 | 8/23/96  | 0000024459 | 8/21/96      |
| SC-06604-S | ARSENIC     | 9.90  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884005 |          | QT1458.0 | 8/23/96  | 0000024459 | 8/21/96      |
| SC-06604-S | CHROMIUM    | 18.60 |      | 0.56  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884005 |          | QT1458.0 | 8/23/96  | 0000024459 | 8/21/96      |
| SC-06604-S | LEAD        | 18.40 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884005 |          | QT1458.0 | 8/23/96  | 0000024459 | 8/21/96      |
| SC-06604-S | RADIUM-226  | 1.51  | 0.14 | 0.51  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3293  |          | WP0126.0 | 9/25/96  | 0000024459 | 8/21/96      |
| SC-06604-S | RADIUM-228  | 1.10  | 0.18 | 0.62  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3293  |          | WP0126.0 | 9/25/96  | 0000024459 | 8/21/96      |
| SC-06604-S | THORIUM-230 | 2.78  | 0.17 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3293  |          | WP0126.0 | 9/25/96  | 0000024459 | 8/21/96      |
| SC-06604-S | URANIUM-238 | ND    |      | 4.04  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3293  |          | WP0126.0 | 9/25/96  | 0000024459 | 8/21/96      |
| SC-06605-S | AROCOR-1248 | ND    |      | 34.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884006 | U        | QT1458.0 | 8/23/96  | 0000024460 | 8/21/96      |
| SC-06605-S | AROCOR-1254 | ND    |      | 34.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884006 | U        | QT1458.0 | 8/23/96  | 0000024460 | 8/21/96      |
| SC-06605-S | AROCOR-1260 | ND    |      | 34.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884006 | U        | QT1458.0 | 8/23/96  | 0000024460 | 8/21/96      |
| SC-06605-S | ARSENIC     | 4.50  |      | 0.41  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884006 |          | QT1458.0 | 8/23/96  | 0000024460 | 8/21/96      |
| SC-06605-S | CHROMIUM    | 5.00  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884006 |          | QT1458.0 | 8/23/96  | 0000024460 | 8/21/96      |
| SC-06605-S | LEAD        | 6.70  |      | 0.29  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884006 |          | QT1458.0 | 8/23/96  | 0000024460 | 8/21/96      |
| SC-06605-S | RADIUM-226  | 1.33  | 0.10 | 0.27  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3294  |          | WP0126.0 | 9/25/96  | 0000024460 | 8/21/96      |
| SC-06605-S | RADIUM-228  | 0.71  | 0.11 | 0.31  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3294  |          | WP0126.0 | 9/25/96  | 0000024460 | 8/21/96      |
| SC-06605-S | THORIUM-230 | 2.80  | 0.15 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3294  |          | WP0126.0 | 9/25/96  | 0000024460 | 8/21/96      |
| SC-06605-S | URANIUM-238 | ND    |      | 2.90  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3294  |          | WP0126.0 | 9/25/96  | 0000024460 | 8/21/96      |
| SC-06606-S | AROCOR-1248 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884007 | U        | QT1458.0 | 8/23/96  | 0000024461 | 8/21/96      |
| SC-06606-S | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884007 | U        | QT1458.0 | 8/23/96  | 0000024461 | 8/21/96      |
| SC-06606-S | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884007 | U        | QT1458.0 | 8/23/96  | 0000024461 | 8/21/96      |
| SC-06606-S | ARSENIC     | 8.10  |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884007 |          | QT1458.0 | 8/23/96  | 0000024461 | 8/21/96      |
| SC-06606-S | CHROMIUM    | 18.90 |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884007 |          | QT1458.0 | 8/23/96  | 0000024461 | 8/21/96      |
| SC-06606-S | LEAD        | 18.30 |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884007 |          | QT1458.0 | 8/23/96  | 0000024461 | 8/21/96      |
| SC-06606-S | RADIUM-226  | 1.43  | 0.10 | 0.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3295  |          | WP0126.0 | 9/25/96  | 0000024461 | 8/21/96      |
| SC-06606-S | RADIUM-228  | 1.12  | 0.13 | 0.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3295  |          | WP0126.0 | 9/25/96  | 0000024461 | 8/21/96      |
| SC-06606-S | THORIUM-230 | 2.48  | 0.10 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3295  |          | WP0126.0 | 9/25/96  | 0000024461 | 8/21/96      |
| SC-06606-S | URANIUM-238 | ND    |      | 3.04  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3295  |          | WP0126.0 | 9/25/96  | 0000024461 | 8/21/96      |
| SC-06607-S | AROCOR-1248 | ND    |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884009 | U        | QT1458.0 | 8/23/96  | 0000024462 | 8/21/96      |
| SC-06607-S | AROCOR-1254 | ND    |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884009 | U        | QT1458.0 | 8/23/96  | 0000024462 | 8/21/96      |
| SC-06607-S | AROCOR-1260 | ND    |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884009 | U        | QT1458.0 | 8/23/96  | 0000024462 | 8/21/96      |
| SC-06607-S | ARSENIC     | 9.40  |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884009 |          | QT1458.0 | 8/23/96  | 0000024462 | 8/21/96      |
| SC-06607-S | CHROMIUM    | 15.60 |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884009 |          | QT1458.0 | 8/23/96  | 0000024462 | 8/21/96      |
| SC-06607-S | LEAD        | 15.60 |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884009 |          | QT1458.0 | 8/23/96  | 0000024462 | 8/21/96      |
| SC-06607-S | RADIUM-226  | 1.45  | 0.10 | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3297  |          | WP0126.0 | 9/25/96  | 0000024462 | 8/21/96      |

APPENDIX D TABLE D-1

| WBSRAP ID       | PARAMETER   | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | FACT | LAB ID   | LAB QUAL | LAB REQU | DATE     | SAMPLE     | DATE    |
|-----------------|-------------|--------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|------|----------|----------|----------|----------|------------|---------|
| SC-06807-S      | RADIUM-226  | 1.33   | 0.14 | 0.44  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3297  |          | WP0126.0 | 8/25/96  | 0000024462 | 8/21/96 |
| SC-06807-S      | THORIUM-230 | 2.78   | 0.14 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3297  |          | WP0126.0 | 8/24/96  | 0000024462 | 8/21/96 |
| SC-06807-S      | URANIUM-238 | ND     |      | 3.12  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3297  |          | WP0126.0 | 8/25/96  | 0000024462 | 8/21/96 |
| SC-06808-S      | AROCOR-1248 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 |      | 11884010 | U        | QT1458.0 | 8/23/96  | 0000024463 | 8/21/96 |
| SC-06808-S      | AROCOR-1254 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 |      | 11884010 | U        | QT1458.0 | 8/23/96  | 0000024463 | 8/21/96 |
| SC-06808-S      | AROCOR-1260 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 |      | 11884010 | U        | QT1458.0 | 8/23/96  | 0000024463 | 8/21/96 |
| SC-06808-S      | ARSENIC     | 9.00   |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 |      | 11884010 |          | QT1458.0 | 8/23/96  | 0000024463 | 8/21/96 |
| SC-06808-S      | CHROMIUM    | 14.00  |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 |      | 11884010 |          | QT1458.0 | 8/23/96  | 0000024463 | 8/21/96 |
| SC-06808-S      | LEAD        | 18.00  |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 |      | 11884010 |          | QT1458.0 | 8/23/96  | 0000024463 | 8/21/96 |
| SC-06808-S      | RADIUM-226  | 1.35   | 0.12 | 0.38  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3298  |          | WP0126.0 | 8/26/96  | 0000024463 | 8/21/96 |
| SC-06808-S      | RADIUM-228  | ND     |      | 1.16  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3298  |          | WP0126.0 | 8/26/96  | 0000024463 | 8/21/96 |
| SC-06808-S      | THORIUM-230 | 2.88   | 0.16 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3298  |          | WP0126.0 | 8/24/96  | 0000024463 | 8/21/96 |
| SC-06808-S      | URANIUM-238 | -3.86  | 1.57 | 4.78  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3298  |          | WP0126.0 | 8/26/96  | 0000024463 | 8/21/96 |
| SC-06808-S      | AROCOR-1248 | ND     |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 |      | 11884011 | U        | QT1458.0 | 8/23/96  | 0000024464 | 8/21/96 |
| SC-06808-S      | AROCOR-1254 | ND     |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 |      | 11884011 | U        | QT1458.0 | 8/23/96  | 0000024464 | 8/21/96 |
| SC-06808-S      | AROCOR-1260 | ND     |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 |      | 11884011 | U        | QT1458.0 | 8/23/96  | 0000024464 | 8/21/96 |
| SC-06808-S      | ARSENIC     | 7.10   |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 |      | 11884011 |          | QT1458.0 | 8/23/96  | 0000024464 | 8/21/96 |
| SC-06808-S      | CHROMIUM    | 11.10  |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 |      | 11884011 |          | QT1458.0 | 8/23/96  | 0000024464 | 8/21/96 |
| SC-06808-S      | LEAD        | 12.80  |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 |      | 11884011 |          | QT1458.0 | 8/23/96  | 0000024464 | 8/21/96 |
| SC-06808-S      | RADIUM-226  | 1.46   | 0.10 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3299  |          | WP0126.0 | 8/26/96  | 0000024464 | 8/21/96 |
| SC-06808-S      | RADIUM-228  | 1.27   | 0.13 | 0.46  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3299  |          | WP0126.0 | 8/26/96  | 0000024464 | 8/21/96 |
| SC-06808-S      | THORIUM-230 | 2.46   | 0.10 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3299  |          | WP0126.0 | 8/25/96  | 0000024464 | 8/21/96 |
| SC-06808-S      | URANIUM-238 | -1.66  | 0.69 | 2.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3299  |          | WP0126.0 | 8/26/96  | 0000024464 | 8/21/96 |
| SC-06810-C      | AROCOR-1248 | ND     |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 |      | 11884012 | U        | QT1458.0 | 8/23/96  | 0000024465 | 8/21/96 |
| SC-06810-C      | AROCOR-1254 | ND     |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 |      | 11884012 | U        | QT1458.0 | 8/23/96  | 0000024465 | 8/21/96 |
| SC-06810-C      | AROCOR-1260 | ND     |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 |      | 11884012 | U        | QT1458.0 | 8/23/96  | 0000024465 | 8/21/96 |
| SC-06810-C      | ARSENIC     | 7.20   |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 |      | 11884012 |          | QT1458.0 | 8/23/96  | 0000024465 | 8/21/96 |
| SC-06810-C      | CHROMIUM    | 16.00  |      | 0.57  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 |      | 11884012 |          | QT1458.0 | 8/23/96  | 0000024465 | 8/21/96 |
| SC-06810-C      | LEAD        | 13.80  |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 |      | 11884012 |          | QT1458.0 | 8/23/96  | 0000024465 | 8/21/96 |
| SC-06810-C      | THORIUM-230 | 2.63   | 0.13 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3300  |          | WP0126.0 | 8/26/96  | 0000024465 | 8/21/96 |
| SC-06810-S      | AROCOR-1248 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 |      | 11884013 | U        | QT1458.0 | 8/23/96  | 0000024466 | 8/21/96 |
| SC-06810-S      | AROCOR-1254 | 200.00 |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 |      | 11884013 |          | QT1458.0 | 8/23/96  | 0000024466 | 8/21/96 |
| SC-06810-S      | AROCOR-1260 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 |      | 11884013 | U        | QT1458.0 | 8/23/96  | 0000024466 | 8/21/96 |
| SC-06810-S      | ARSENIC     | 4.10   |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 |      | 11884013 |          | QT1458.0 | 8/23/96  | 0000024466 | 8/21/96 |
| SC-06810-S      | CHROMIUM    | 9.90   |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 |      | 11884013 |          | QT1458.0 | 8/23/96  | 0000024466 | 8/21/96 |
| SC-06810-S      | LEAD        | 65.40  |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 |      | 11884013 |          | QT1458.0 | 8/23/96  | 0000024466 | 8/21/96 |
| SC-06810-S      | RADIUM-226  | 1.44   | 0.10 | 0.32  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3301  |          | WP0126.0 | 8/26/96  | 0000024466 | 8/21/96 |
| SC-06810-S      | RADIUM-228  | 1.08   | 0.12 | 0.46  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3301  |          | WP0126.0 | 8/27/96  | 0000024466 | 8/21/96 |
| SC-06810-S      | THORIUM-230 | 2.98   | 0.16 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3301  |          | WP0126.0 | 8/27/96  | 0000024466 | 8/21/96 |
| SC-06810-S      | URANIUM-238 | ND     |      | 2.99  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3301  |          | WP0126.0 | 8/26/96  | 0000024466 | 8/21/96 |
| SC-06810-S-HS01 | RADIUM-226  | 90.70  | 1.78 | 1.82  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3463  |          | WP0133.0 | 10/1/96  | 0000029688 | 8/28/96 |
| SC-06810-S-HS01 | RADIUM-228  | ND     |      | 3.08  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3463  |          | WP0133.0 | 10/1/96  | 0000029688 | 8/28/96 |
| SC-06810-S-HS01 | URANIUM-238 | ND     |      | 14.80 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3463  |          | WP0133.0 | 10/1/96  | 0000029688 | 8/28/96 |
| SC-06810-S-RS01 | RADIUM-226  | 1.58   | 0.11 | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3619  |          | WP0139.0 | 10/28/96 | 0000029956 | 9/7/96  |
| SC-06810-S-RS01 | RADIUM-228  | 1.16   | 0.13 | 0.37  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3619  |          | WP0139.0 | 10/28/96 | 0000029956 | 9/7/96  |
| SC-06810-S-RS01 | THORIUM-230 | 1.05   | 0.12 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3619  |          | WP0139.0 | 9/11/96  | 0000029956 | 9/7/96  |
| SC-06810-S-RS01 | URANIUM-238 | ND     |      | 3.08  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3619  |          | WP0139.0 | 10/28/96 | 0000029956 | 9/7/96  |
| SC-06810-S-RS02 | RADIUM-226  | 1.57   | 0.14 | 0.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 |      | WSC3620  |          | WP0139.0 | 10/28/96 | 0000029956 | 9/7/96  |

APPENDIX D TABLE D-1

| WSSRAP ID       | PARAMETER   | CONC  | ENR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|-----------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-06610-S-RS02 | RADIUM-226  | 1.68  | 0.22 | 0.67  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3620  |          | WP0136.0 | 10/28/96 | 0000029966 | 8/7/96       |
| SC-06610-S-RS02 | THORIUM-230 | 1.08  | 0.12 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3620  |          | WP0136.0 | 9/11/96  | 0000029966 | 8/7/96       |
| SC-06610-S-RS02 | URANIUM-238 | ND    |      | 4.12  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3620  |          | WP0136.0 | 10/28/96 | 0000029966 | 8/7/96       |
| SC-06611-S      | AROCOR-1246 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884014 | U        | QT1458.0 | 8/23/96  | 0000024467 | 8/21/96      |
| SC-06611-S      | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884014 | U        | QT1458.0 | 8/23/96  | 0000024467 | 8/21/96      |
| SC-06611-S      | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884014 | U        | QT1458.0 | 8/23/96  | 0000024467 | 8/21/96      |
| SC-06611-S      | ARSENIC     | 9.40  |      | 0.45  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884014 |          | QT1458.0 | 8/23/96  | 0000024467 | 8/21/96      |
| SC-06611-S      | CHROMIUM    | 13.40 |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884014 |          | QT1458.0 | 8/23/96  | 0000024467 | 8/21/96      |
| SC-06611-S      | LEAD        | 14.50 |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884014 |          | QT1458.0 | 8/23/96  | 0000024467 | 8/21/96      |
| SC-06611-S      | RADIUM-226  | 1.15  | 0.20 | 0.59  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3302  |          | WP0126.0 | 9/26/96  | 0000024467 | 8/21/96      |
| SC-06611-S      | THORIUM-230 | 2.85  | 0.15 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3302  |          | WP0126.0 | 8/27/96  | 0000024467 | 8/21/96      |
| SC-06611-S      | URANIUM-238 | 3.50  | 1.00 | 2.66  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3302  |          | WP0126.0 | 9/26/96  | 0000024467 | 8/21/96      |
| SC-06611-S-RS02 | RADIUM-226  | 5.66  | 0.26 | 0.45  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3464  |          | WP0133.0 | 10/1/96  | 0000029688 | 8/28/96      |
| SC-06611-S-RS02 | RADIUM-226  | 0.95  | 0.15 | 0.57  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3464  |          | WP0133.0 | 10/1/96  | 0000029688 | 8/28/96      |
| SC-06611-S-RS02 | URANIUM-238 | 7.06  | 1.83 | 6.18  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3464  |          | WP0133.0 | 10/1/96  | 0000029688 | 8/28/96      |
| SC-06611-S-RS01 | RADIUM-226  | 1.54  | 0.13 | 0.23  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3621  |          | WP0136.0 | 10/28/96 | 0000029967 | 9/7/96       |
| SC-06611-S-RS01 | RADIUM-226  | 1.06  | 0.16 | 0.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3621  |          | WP0136.0 | 10/28/96 | 0000029967 | 9/7/96       |
| SC-06611-S-RS01 | THORIUM-230 | 1.16  | 0.12 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3621  |          | WP0136.0 | 9/11/96  | 0000029967 | 8/7/96       |
| SC-06611-S-RS01 | URANIUM-238 | ND    |      | 4.01  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3621  |          | WP0136.0 | 10/28/96 | 0000029967 | 9/7/96       |
| SC-06612-S      | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884015 | U        | QT1458.0 | 8/23/96  | 0000024468 | 8/21/96      |
| SC-06612-S      | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884015 | U        | QT1458.0 | 8/23/96  | 0000024468 | 8/21/96      |
| SC-06612-S      | ARSENIC     | 16.30 |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884015 |          | QT1458.0 | 8/23/96  | 0000024468 | 8/21/96      |
| SC-06612-S      | CHROMIUM    | 20.30 |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884015 |          | QT1458.0 | 8/23/96  | 0000024468 | 8/21/96      |
| SC-06612-S      | LEAD        | 31.20 |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884015 |          | QT1458.0 | 8/23/96  | 0000024468 | 8/21/96      |
| SC-06612-S      | THORIUM-230 | 3.03  | 0.16 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3303  |          | WP0126.0 | 8/27/96  | 0000024468 | 8/21/96      |
| SC-06612-S      | URANIUM-238 | ND    |      | 3.00  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3303  |          | WP0126.0 | 8/24/96  | 0000024468 | 8/21/96      |
| SC-06613-S      | AROCOR-1246 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884016 | U        | QT1458.0 | 8/23/96  | 0000024469 | 8/21/96      |
| SC-06613-S      | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884016 | U        | QT1458.0 | 8/23/96  | 0000024469 | 8/21/96      |
| SC-06613-S      | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884016 | U        | QT1458.0 | 8/23/96  | 0000024469 | 8/21/96      |
| SC-06613-S      | CHROMIUM    | 13.10 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884016 |          | QT1458.0 | 8/23/96  | 0000024469 | 8/21/96      |
| SC-06613-S      | LEAD        | 8.80  |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884016 |          | QT1458.0 | 8/23/96  | 0000024469 | 8/21/96      |
| SC-06613-S      | RADIUM-226  | 1.37  | 0.13 | 0.43  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3304  |          | WP0126.0 | 8/26/96  | 0000024469 | 8/21/96      |
| SC-06613-S      | RADIUM-226  | 1.45  | 0.17 | 0.49  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3304  |          | WP0126.0 | 8/26/96  | 0000024469 | 8/21/96      |
| SC-06613-S      | THORIUM-230 | 2.64  | 0.12 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3304  |          | WP0126.0 | 8/27/96  | 0000024469 | 8/21/96      |
| SC-06613-S      | URANIUM-238 | ND    |      | 3.97  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3304  |          | WP0126.0 | 8/26/96  | 0000024469 | 8/21/96      |
| SC-06614-S      | AROCOR-1246 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884017 | U        | QT1458.0 | 8/23/96  | 0000024470 | 8/21/96      |
| SC-06614-S      | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884017 | U        | QT1458.0 | 8/23/96  | 0000024470 | 8/21/96      |
| SC-06614-S      | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11884017 | U        | QT1458.0 | 8/23/96  | 0000024470 | 8/21/96      |
| SC-06614-S      | ARSENIC     | 14.30 |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884017 |          | QT1458.0 | 8/23/96  | 0000024470 | 8/21/96      |
| SC-06614-S      | CHROMIUM    | 23.80 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884017 |          | QT1458.0 | 8/23/96  | 0000024470 | 8/21/96      |
| SC-06614-S      | LEAD        | 16.30 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11884017 |          | QT1458.0 | 8/23/96  | 0000024470 | 8/21/96      |
| SC-06614-S      | RADIUM-226  | 1.74  | 0.11 | 0.27  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3305  |          | WP0126.0 | 9/26/96  | 0000024470 | 8/21/96      |
| SC-06614-S      | RADIUM-226  | 1.23  | 0.13 | 0.45  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3305  |          | WP0126.0 | 9/26/96  | 0000024470 | 8/21/96      |
| SC-06614-S      | THORIUM-230 | 2.52  | 0.10 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3305  |          | WP0126.0 | 8/26/96  | 0000024470 | 8/21/96      |
| SC-06614-S      | URANIUM-238 | ND    |      | 3.16  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3305  |          | WP0126.0 | 9/26/96  | 0000024470 | 8/21/96      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|------------------------|--------|------|-------|-------|-----|------|----------|-----------|--------|----------------|---------|----------|----------|----------|----------|------------|--------------|
| SC-06615-S | AROCLOR-1248           | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11884018 | U        | QT1458.0 | 8/23/96  | 0000024471 | 8/21/96      |
| SC-06615-S | AROCLOR-1254           | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11884018 | U        | QT1458.0 | 8/23/96  | 0000024471 | 8/21/96      |
| SC-06615-S | AROCLOR-1260           | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11884018 | U        | QT1458.0 | 8/23/96  | 0000024471 | 8/21/96      |
| SC-06615-S | CHROMIUM               | 13.80  |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11884018 |          | QT1458.0 | 8/23/96  | 0000024471 | 8/21/96      |
| SC-06615-S | LEAD                   | 13.80  |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11884018 |          | QT1458.0 | 8/23/96  | 0000024471 | 8/21/96      |
| SC-06615-S | RADIUM-226             | 1.32   | 0.10 | 0.24  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3308  |          | WP0126.0 | 8/26/96  | 0000024471 | 8/21/96      |
| SC-06615-S | RADIUM-228             | 0.81   | 0.11 | 0.38  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3308  |          | WP0126.0 | 8/26/96  | 0000024471 | 8/21/96      |
| SC-06615-S | THORIUM-230            | 2.48   | 0.11 | 2.48  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3308  |          | WP0126.0 | 8/27/96  | 0000024471 | 8/21/96      |
| SC-06615-S | URANIUM-238            | ND     |      | 3.02  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3308  |          | WP0126.0 | 8/26/96  | 0000024471 | 8/21/96      |
| SC-06616-S | AROCLOR-1248           | ND     |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11884024 | U        | QT1458.0 | 8/23/96  | 0000024472 | 8/21/96      |
| SC-06616-S | AROCLOR-1254           | ND     |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11884024 | U        | QT1458.0 | 8/23/96  | 0000024472 | 8/21/96      |
| SC-06616-S | AROCLOR-1260           | ND     |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11884024 | U        | QT1458.0 | 8/23/96  | 0000024472 | 8/21/96      |
| SC-06616-S | ARSENIC                | 1.30   |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11884024 | B        | QT1458.0 | 8/23/96  | 0000024472 | 8/21/96      |
| SC-06616-S | BENZO(A)ANTHRACENE     | 500.00 |      | 5.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11884024 |          | QT1458.0 | 8/23/96  | 0000024472 | 8/21/96      |
| SC-06616-S | BENZO(A)PYRENE         | ND     |      | 9.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11884024 | U        | QT1458.0 | 8/23/96  | 0000024472 | 8/21/96      |
| SC-06616-S | BENZO(B)FLUORANTHENE   | 82.00  |      | 7.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11884024 |          | QT1458.0 | 8/23/96  | 0000024472 | 8/21/96      |
| SC-06616-S | BENZO(K)FLUORANTHENE   | ND     |      | 6.30  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11884024 | U        | QT1458.0 | 8/23/96  | 0000024472 | 8/21/96      |
| SC-06616-S | CHROMIUM               | 15.90  |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11884024 |          | QT1458.0 | 8/23/96  | 0000024472 | 8/21/96      |
| SC-06616-S | CHRYSENE               | ND     |      | 81.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11884024 | U        | QT1458.0 | 8/23/96  | 0000024472 | 8/21/96      |
| SC-06616-S | INDENO(1,2,3-CD)PYRENE | ND     |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00    | 11884024 | U        | QT1458.0 | 8/23/96  | 0000024472 | 8/21/96      |
| SC-06616-S | LEAD                   | 8.40   |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11884024 |          | QT1458.0 | 8/23/96  | 0000024472 | 8/21/96      |
| SC-06616-S | THORIUM-230            | 2.72   | 0.12 | 2.27  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3307  |          | WP0126.0 | 8/26/96  | 0000024472 | 8/21/96      |
| SC-06616-S | URANIUM-238            | ND     |      | 3.88  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3307  |          | WP0126.0 | 8/26/96  | 0000024472 | 8/21/96      |
| SC-06617-C | AROCLOR-1248           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11884018 | U        | QT1458.0 | 8/23/96  | 0000024473 | 8/21/96      |
| SC-06617-C | AROCLOR-1254           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11884018 | U        | QT1458.0 | 8/23/96  | 0000024473 | 8/21/96      |
| SC-06617-C | AROCLOR-1260           | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11884018 | U        | QT1458.0 | 8/23/96  | 0000024473 | 8/21/96      |
| SC-06617-C | ARSENIC                | 8.30   |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11884018 |          | QT1458.0 | 8/23/96  | 0000024473 | 8/21/96      |
| SC-06617-C | CHROMIUM               | 19.00  |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11884018 |          | QT1458.0 | 8/23/96  | 0000024473 | 8/21/96      |
| SC-06617-C | LEAD                   | 22.10  |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11884018 |          | QT1458.0 | 8/23/96  | 0000024473 | 8/21/96      |
| SC-06617-C | THORIUM-230            | 2.71   | 0.13 | 2.27  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3308  |          | WP0126.0 | 8/26/96  | 0000024473 | 8/21/96      |
| SC-06617-S | AROCLOR-1248           | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11884020 | U        | QT1458.0 | 8/23/96  | 0000024474 | 8/21/96      |
| SC-06617-S | AROCLOR-1254           | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11884020 | U        | QT1458.0 | 8/23/96  | 0000024474 | 8/21/96      |
| SC-06617-S | AROCLOR-1260           | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11884020 | U        | QT1458.0 | 8/23/96  | 0000024474 | 8/21/96      |
| SC-06617-S | ARSENIC                | 3.90   |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11884020 |          | QT1458.0 | 8/23/96  | 0000024474 | 8/21/96      |
| SC-06617-S | CHROMIUM               | 14.80  |      | 0.56  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11884020 |          | QT1458.0 | 8/23/96  | 0000024474 | 8/21/96      |
| SC-06617-S | LEAD                   | 12.10  |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11884020 |          | QT1458.0 | 8/23/96  | 0000024474 | 8/21/96      |
| SC-06617-S | THORIUM-230            | 2.87   | 0.15 | 2.27  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3309  |          | WP0126.0 | 8/26/96  | 0000024474 | 8/21/96      |
| SC-06617-S | URANIUM-238            | ND     |      | 3.30  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3309  |          | WP0126.0 | 8/26/96  | 0000024474 | 8/21/96      |
| SC-06618-S | AROCLOR-1248           | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11884021 | U        | QT1458.0 | 8/23/96  | 0000024475 | 8/21/96      |
| SC-06618-S | AROCLOR-1254           | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11884021 | U        | QT1458.0 | 8/23/96  | 0000024475 | 8/21/96      |
| SC-06618-S | AROCLOR-1260           | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00    | 11884021 | U        | QT1458.0 | 8/23/96  | 0000024475 | 8/21/96      |
| SC-06618-S | ARSENIC                | 3.90   |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11884021 |          | QT1458.0 | 8/23/96  | 0000024475 | 8/21/96      |
| SC-06618-S | CHROMIUM               | 17.00  |      | 0.56  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11884021 |          | QT1458.0 | 8/23/96  | 0000024475 | 8/21/96      |
| SC-06618-S | LEAD                   | 9.10   |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00    | 11884021 |          | QT1458.0 | 8/23/96  | 0000024475 | 8/21/96      |
| SC-06618-S | RADIUM-226             | 1.53   | 0.13 | 0.27  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3310  |          | WP0126.0 | 8/26/96  | 0000024475 | 8/21/96      |
| SC-06618-S | RADIUM-228             | 1.20   | 0.18 | 0.58  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3310  |          | WP0126.0 | 8/26/96  | 0000024475 | 8/21/96      |
| SC-06618-S | THORIUM-230            | 2.85   | 0.12 | 2.27  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00    | WSC3310  |          | WP0126.0 | 8/26/96  | 0000024475 | 8/21/96      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | OIL  | LAB      | LAB | LAB      | DATE    | SAMPLING   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|-----|----------|---------|------------|---------|
| SC-06618-S | URANIUM-238 | ND    |      | 3.97  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3310  |     | WP0126.0 | 8/28/96 | 0000024475 | 8/21/96 |
| SC-06618-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11884022 | U   | QT1458.0 | 8/23/96 | 0000024476 | 8/21/96 |
| SC-06618-S | AROCOR-1254 | 94.00 |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11884022 |     | QT1458.0 | 8/23/96 | 0000024476 | 8/21/96 |
| SC-06618-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11884022 | U   | QT1458.0 | 8/23/96 | 0000024476 | 8/21/96 |
| SC-06618-S | ARSENIC     | 8.70  |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11884022 |     | QT1458.0 | 8/23/96 | 0000024476 | 8/21/96 |
| SC-06618-S | CHROMIUM    | 16.00 |      | 0.57  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11884022 |     | QT1458.0 | 8/23/96 | 0000024476 | 8/21/96 |
| SC-06618-S | LEAD        | 19.20 |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11884022 |     | QT1458.0 | 8/23/96 | 0000024476 | 8/21/96 |
| SC-06618-S | RADIUM-226  | 1.32  | 0.13 | 0.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3311  |     | WP0126.0 | 8/28/96 | 0000024476 | 8/21/96 |
| SC-06618-S | RADIUM-228  | 1.15  | 0.18 | 0.61  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3311  |     | WP0126.0 | 8/28/96 | 0000024476 | 8/21/96 |
| SC-06618-S | THORIUM-230 | 2.74  | 0.14 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3311  |     | WP0126.0 | 8/28/96 | 0000024476 | 8/21/96 |
| SC-06618-S | URANIUM-238 | 6.37  | 1.55 | 4.00  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3311  |     | WP0126.0 | 8/28/96 | 0000024476 | 8/21/96 |
| SC-06701-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11880002 | U   | QT1454.0 | 8/21/96 | 0000024477 | 8/19/96 |
| SC-06701-S | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11880002 | U   | QT1454.0 | 8/21/96 | 0000024477 | 8/19/96 |
| SC-06701-S | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11880002 | U   | QT1454.0 | 8/21/96 | 0000024477 | 8/19/96 |
| SC-06701-S | ARSENIC     | 16.80 |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11880002 |     | QT1454.0 | 8/21/96 | 0000024477 | 8/19/96 |
| SC-06701-S | CHROMIUM    | 17.80 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11880002 |     | QT1454.0 | 8/21/96 | 0000024477 | 8/19/96 |
| SC-06701-S | LEAD        | 17.90 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11880002 |     | QT1454.0 | 8/22/96 | 0000024477 | 8/19/96 |
| SC-06701-S | THORIUM-230 | 2.72  | 0.12 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3193  |     | WP0123.0 | 8/23/96 | 0000024477 | 8/19/96 |
| SC-06701-S | URANIUM-238 | ND    |      | 3.11  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3193  |     | WP0123.0 | 8/21/96 | 0000024477 | 8/19/96 |
| SC-06702-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11880003 | U   | QT1454.0 | 8/21/96 | 0000024478 | 8/19/96 |
| SC-06702-S | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11880003 | U   | QT1454.0 | 8/21/96 | 0000024478 | 8/19/96 |
| SC-06702-S | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11880003 | U   | QT1454.0 | 8/21/96 | 0000024478 | 8/19/96 |
| SC-06702-S | ARSENIC     | 8.40  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11880003 |     | QT1454.0 | 8/21/96 | 0000024478 | 8/19/96 |
| SC-06702-S | CHROMIUM    | 17.20 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11880003 |     | QT1454.0 | 8/21/96 | 0000024478 | 8/19/96 |
| SC-06702-S | LEAD        | 14.40 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11880003 |     | QT1454.0 | 8/22/96 | 0000024478 | 8/19/96 |
| SC-06702-S | THORIUM-230 | 2.61  | 0.10 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3194  |     | WP0123.0 | 8/23/96 | 0000024478 | 8/19/96 |
| SC-06702-S | URANIUM-238 | ND    |      | 3.82  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3194  |     | WP0123.0 | 8/21/96 | 0000024478 | 8/19/96 |
| SC-06703-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11880004 | U   | QT1454.0 | 8/21/96 | 0000024479 | 8/19/96 |
| SC-06703-S | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11880004 | U   | QT1454.0 | 8/21/96 | 0000024479 | 8/19/96 |
| SC-06703-S | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11880004 | U   | QT1454.0 | 8/21/96 | 0000024479 | 8/19/96 |
| SC-06703-S | ARSENIC     | 7.78  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11880004 |     | QT1454.0 | 8/21/96 | 0000024479 | 8/19/96 |
| SC-06703-S | CHROMIUM    | 13.00 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11880004 |     | QT1454.0 | 8/21/96 | 0000024479 | 8/19/96 |
| SC-06703-S | LEAD        | 19.70 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11880004 |     | QT1454.0 | 8/22/96 | 0000024479 | 8/19/96 |
| SC-06703-S | THORIUM-230 | 2.75  | 0.19 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3218  |     | WP0124.0 | 8/23/96 | 0000024479 | 8/19/96 |
| SC-06703-S | URANIUM-238 | ND    |      | 3.04  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3218  |     | WP0124.0 | 8/21/96 | 0000024479 | 8/19/96 |
| SC-06704-C | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11880005 | U   | QT1454.0 | 8/21/96 | 0000024481 | 8/19/96 |
| SC-06704-C | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11880005 | U   | QT1454.0 | 8/21/96 | 0000024481 | 8/19/96 |
| SC-06704-C | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11880005 | U   | QT1454.0 | 8/21/96 | 0000024481 | 8/19/96 |
| SC-06704-C | ARSENIC     | 13.80 |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11880005 |     | QT1454.0 | 8/21/96 | 0000024481 | 8/19/96 |
| SC-06704-C | CHROMIUM    | 14.20 |      | 0.56  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11880005 |     | QT1454.0 | 8/21/96 | 0000024481 | 8/19/96 |
| SC-06704-C | LEAD        | 12.20 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11880005 |     | QT1454.0 | 8/22/96 | 0000024481 | 8/19/96 |
| SC-06704-C | THORIUM-230 | 2.80  | 0.18 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3219  |     | WP0124.0 | 8/21/96 | 0000024481 | 8/19/96 |
| SC-06704-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11880006 | U   | QT1454.0 | 8/21/96 | 0000024480 | 8/19/96 |
| SC-06704-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11880006 | U   | QT1454.0 | 8/21/96 | 0000024480 | 8/19/96 |
| SC-06704-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11880006 | U   | QT1454.0 | 8/21/96 | 0000024480 | 8/19/96 |
| SC-06704-S | ARSENIC     | 10.10 |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11880006 |     | QT1454.0 | 8/21/96 | 0000024480 | 8/19/96 |
| SC-06704-S | CHROMIUM    | 15.20 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11880006 |     | QT1454.0 | 8/21/96 | 0000024480 | 8/19/96 |
| SC-06704-S | LEAD        | 13.80 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11880006 |     | QT1454.0 | 8/22/96 | 0000024480 | 8/19/96 |

APPENDIX D TABLE D-1

| WSSRAF ID       | PARAMETER   | CONC    | ERR  | DL    | UNITS | VAL QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|-----------------|-------------|---------|------|-------|-------|----------|----------|-----------|--------|---------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-06704-S      | THORIUM-230 | 2.87    | 0.14 | 2.27  | PC/G  | *        |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3220  |          | WP0124.0 | 8/22/96  | 0000024480 | 8/19/96      |
| SC-06704-S      | URANIUM-238 | ND      |      | 3.91  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3220  |          | WP0124.0 | 8/21/96  | 0000024480 | 8/19/96      |
| SC-06705-S      | URANIUM-238 | ND      |      | 2.97  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3221  |          | WP0124.0 | 8/21/96  | 0000024482 | 8/19/96      |
| SC-06706-S      | URANIUM-238 | ND      |      | 3.94  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3222  |          | WP0124.0 | 8/21/96  | 0000024483 | 8/19/96      |
| SC-06707-S      | AROCOR-1248 | ND      |      | 38.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11860007 | U        | QT1454.0 | 8/21/96  | 0000024484 | 8/19/96      |
| SC-06707-S      | AROCOR-1254 | 46.00   |      | 38.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11860007 |          | QT1454.0 | 8/21/96  | 0000024484 | 8/19/96      |
| SC-06707-S      | AROCOR-1260 | ND      |      | 38.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11860007 | U        | QT1454.0 | 8/21/96  | 0000024484 | 8/19/96      |
| SC-06707-S      | ARSENIC     | 7.20    |      | 0.48  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11860007 |          | QT1454.0 | 8/21/96  | 0000024484 | 8/19/96      |
| SC-06707-S      | CHROMIUM    | 14.50   |      | 0.52  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11860007 |          | QT1454.0 | 8/21/96  | 0000024484 | 8/19/96      |
| SC-06707-S      | LEAD        | 13.30   |      | 0.32  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11860007 |          | QT1454.0 | 8/22/96  | 0000024484 | 8/19/96      |
| SC-06707-S      | THORIUM-230 | 2.88    | 0.17 | 2.27  | PC/G  | *        |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3223  |          | WP0124.0 | 8/22/96  | 0000024484 | 8/19/96      |
| SC-06707-S      | URANIUM-238 | ND      |      | 3.90  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3223  |          | WP0124.0 | 8/21/96  | 0000024484 | 8/19/96      |
| SC-06708-S      | AROCOR-1248 | ND      |      | 37.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11860008 | U        | QT1454.0 | 8/21/96  | 0000024485 | 8/19/96      |
| SC-06708-S      | AROCOR-1254 | 330.00  |      | 37.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11860008 |          | QT1454.0 | 8/21/96  | 0000024485 | 8/19/96      |
| SC-06708-S      | AROCOR-1260 | ND      |      | 37.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11860008 | U        | QT1454.0 | 8/21/96  | 0000024485 | 8/19/96      |
| SC-06708-S      | ARSENIC     | 4.40    |      | 0.48  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11860008 |          | QT1454.0 | 8/21/96  | 0000024485 | 8/19/96      |
| SC-06708-S      | CHROMIUM    | 6.40    |      | 0.52  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11860008 |          | QT1454.0 | 8/21/96  | 0000024485 | 8/19/96      |
| SC-06708-S      | LEAD        | 23.00   |      | 0.31  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11860008 |          | QT1454.0 | 8/22/96  | 0000024485 | 8/19/96      |
| SC-06708-S      | THORIUM-230 | 2.65    | 0.12 | 2.27  | PC/G  | *        |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3224  |          | WP0124.0 | 8/23/96  | 0000024485 | 8/19/96      |
| SC-06708-S      | URANIUM-238 | ND      |      | 3.79  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3224  |          | WP0124.0 | 8/22/96  | 0000024485 | 8/19/96      |
| SC-06708-S      | AROCOR-1248 | ND      |      | 40.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11860008 | U        | QT1454.0 | 8/21/96  | 0000024486 | 8/19/96      |
| SC-06708-S      | AROCOR-1254 | ND      |      | 40.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11860008 | U        | QT1454.0 | 8/21/96  | 0000024486 | 8/19/96      |
| SC-06708-S      | AROCOR-1260 | ND      |      | 40.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11860009 | U        | QT1454.0 | 8/21/96  | 0000024486 | 8/19/96      |
| SC-06708-S      | ARSENIC     | 7.00    |      | 0.48  | UG/G  | A        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11860009 |          | QT1454.0 | 8/21/96  | 0000024486 | 8/19/96      |
| SC-06708-S      | CHROMIUM    | 15.50   |      | 0.56  | UG/G  | A        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11860009 |          | QT1454.0 | 8/21/96  | 0000024486 | 8/19/96      |
| SC-06708-S      | LEAD        | 5200.00 |      | 0.34  | UG/G  | A        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11860009 |          | QT1454.0 | 8/22/96  | 0000024486 | 8/19/96      |
| SC-06709-S      | THORIUM-230 | 2.77    | 0.15 | 2.27  | PC/G  | *        |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3225  |          | WP0124.0 | 8/22/96  | 0000024486 | 8/19/96      |
| SC-06709-S      | URANIUM-238 | ND      |      | 2.99  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3225  |          | WP0124.0 | 8/21/96  | 0000024486 | 8/19/96      |
| SC-06709-S-H801 | LEAD        | 22.90   |      | 0.36  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11931001 |          | QT1485.0 | 8/28/96  | 0000029630 | 8/27/96      |
| SC-06709-S-H802 | LEAD        | 48.60   |      | 0.32  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11931002 |          | QT1485.0 | 8/28/96  | 0000029631 | 8/27/96      |
| SC-06709-S-H803 | LEAD        | 18.80   |      | 0.32  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11931003 |          | QT1485.0 | 8/28/96  | 0000029632 | 8/27/96      |
| SC-06709-S-H804 | LEAD        | 45.20   |      | 0.32  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11931004 |          | QT1485.0 | 8/28/96  | 0000029633 | 8/27/96      |
| SC-06709-S-R801 | LEAD        | 15.10   |      | 0.32  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12036001 |          | QT1478.0 | 9/10/96  | 0000029658 | 9/7/96       |
| SC-06709-S-R802 | LEAD        | 18.90   |      | 0.30  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12036002 |          | QT1478.0 | 9/10/96  | 0000029659 | 9/7/96       |
| SC-06709-S-R803 | LEAD        | 66.70   |      | 0.30  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12036003 |          | QT1478.0 | 9/10/96  | 0000029660 | 9/7/96       |
| SC-06709-S-R804 | LEAD        | 20.30   |      | 0.30  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12036004 |          | QT1478.0 | 9/10/96  | 0000029661 | 9/7/96       |
| SC-06709-S-R805 | LEAD        | 21.40   |      | 0.29  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12036005 |          | QT1478.0 | 9/10/96  | 0000029662 | 9/7/96       |
| SC-06710-S      | AROCOR-1248 | ND      |      | 40.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11860010 | U        | QT1454.0 | 8/21/96  | 0000024487 | 8/19/96      |
| SC-06710-S      | AROCOR-1254 | ND      |      | 40.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11860010 | U        | QT1454.0 | 8/21/96  | 0000024487 | 8/19/96      |
| SC-06710-S      | AROCOR-1260 | ND      |      | 40.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11860010 | U        | QT1454.0 | 8/21/96  | 0000024487 | 8/19/96      |
| SC-06710-S      | ARSENIC     | 7.30    |      | 0.48  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11860010 |          | QT1454.0 | 8/21/96  | 0000024487 | 8/19/96      |
| SC-06710-S      | CHROMIUM    | 16.10   |      | 0.56  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11860010 |          | QT1454.0 | 8/21/96  | 0000024487 | 8/19/96      |
| SC-06710-S      | LEAD        | 15.00   |      | 0.34  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11860010 |          | QT1454.0 | 8/22/96  | 0000024487 | 8/19/96      |
| SC-06710-S      | THORIUM-230 | 2.68    | 0.12 | 2.27  | PC/G  | *        |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3226  |          | WP0124.0 | 8/23/96  | 0000024487 | 8/19/96      |
| SC-06710-S      | URANIUM-238 | ND      |      | 3.09  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3226  |          | WP0124.0 | 8/22/96  | 0000024487 | 8/19/96      |
| SC-06711-S      | URANIUM-238 | ND      |      | 3.77  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3227  |          | WP0124.0 | 8/21/96  | 0000024488 | 8/19/96      |
| SC-06712-S      | URANIUM-238 | ND      |      | 3.68  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3228  |          | WP0124.0 | 8/21/96  | 0000024489 | 8/19/96      |
| SC-06713-C      | AROCOR-1248 | ND      |      | 39.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11860011 | U        | QT1454.0 | 8/21/96  | 0000024490 | 8/19/96      |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL<br>QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL<br>FACT | LAB<br>ID | LAB<br>QUAL | LAB<br>REQD | DATE<br>ANA | SAMPLINK   | DATE<br>SAMPLED |
|------------|-------------|-------|------|-------|-------|-------------|----------|-----------|--------|---------------|------------|-----------|-------------|-------------|-------------|------------|-----------------|
| SC-06713-C | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860011  | U           | QT1454.0    | 8/21/96     | 0000024490 | 8/19/96         |
| SC-06713-C | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860011  | U           | QT1454.0    | 8/21/96     | 0000024490 | 8/19/96         |
| SC-06713-C | ARSENIC     | 7.40  |      | 0.47  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11860011  |             | QT1454.0    | 8/21/96     | 0000024490 | 8/19/96         |
| SC-06713-C | CHROMIUM    | 12.30 |      | 0.54  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11860011  |             | QT1454.0    | 8/21/96     | 0000024490 | 8/19/96         |
| SC-06713-C | LEAD        | 18.40 |      | 0.33  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11860011  |             | QT1454.0    | 8/22/96     | 0000024490 | 8/19/96         |
| SC-06713-C | THORIUM-230 | 2.96  | 0.15 | 2.27  | PC/KG | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3229   |             | WP0124.0    | 8/23/96     | 0000024490 | 8/19/96         |
| SC-06713-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860012  | U           | QT1454.0    | 8/21/96     | 0000024491 | 8/19/96         |
| SC-06713-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860012  | U           | QT1454.0    | 8/21/96     | 0000024491 | 8/19/96         |
| SC-06713-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860012  | U           | QT1454.0    | 8/21/96     | 0000024491 | 8/19/96         |
| SC-06713-S | ARSENIC     | 5.70  |      | 0.46  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11860012  |             | QT1454.0    | 8/21/96     | 0000024491 | 8/19/96         |
| SC-06713-S | CHROMIUM    | 10.20 |      | 0.52  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11860012  |             | QT1454.0    | 8/21/96     | 0000024491 | 8/19/96         |
| SC-06713-S | LEAD        | 10.80 |      | 0.32  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11860012  |             | QT1454.0    | 8/22/96     | 0000024491 | 8/19/96         |
| SC-06713-S | THORIUM-230 | 2.72  | 0.12 | 2.27  | PC/KG | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3230   |             | WP0124.0    | 8/23/96     | 0000024491 | 8/19/96         |
| SC-06713-S | URANIUM-238 | ND    |      | 2.82  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3230   |             | WP0124.0    | 8/21/96     | 0000024491 | 8/19/96         |
| SC-06714-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860014  | U           | QT1454.0    | 8/21/96     | 0000024492 | 8/19/96         |
| SC-06714-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860014  | U           | QT1454.0    | 8/21/96     | 0000024492 | 8/19/96         |
| SC-06714-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860014  | U           | QT1454.0    | 8/21/96     | 0000024492 | 8/19/96         |
| SC-06714-S | ARSENIC     | 11.00 |      | 0.48  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11860014  |             | QT1454.0    | 8/21/96     | 0000024492 | 8/19/96         |
| SC-06714-S | CHROMIUM    | 15.30 |      | 0.57  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11860014  |             | QT1454.0    | 8/21/96     | 0000024492 | 8/19/96         |
| SC-06714-S | LEAD        | 19.70 |      | 0.34  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11860014  |             | QT1454.0    | 8/22/96     | 0000024492 | 8/19/96         |
| SC-06714-S | RADIUM-226  | 1.83  | 0.13 | 0.37  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3232   |             | WP0124.0    | 9/25/96     | 0000024492 | 8/19/96         |
| SC-06714-S | RADIUM-228  | 1.21  | 0.19 | 0.80  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3232   |             | WP0124.0    | 9/25/96     | 0000024492 | 8/19/96         |
| SC-06714-S | THORIUM-230 | 2.54  | 0.10 | 2.27  | PC/KG | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3232   |             | WP0124.0    | 8/23/96     | 0000024492 | 8/19/96         |
| SC-06714-S | URANIUM-238 | ND    |      | 4.30  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3232   |             | WP0124.0    | 9/25/96     | 0000024492 | 8/19/96         |
| SC-06715-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860016  | U           | QT1454.0    | 8/21/96     | 0000024493 | 8/19/96         |
| SC-06715-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860016  | U           | QT1454.0    | 8/21/96     | 0000024493 | 8/19/96         |
| SC-06715-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860016  | U           | QT1454.0    | 8/21/96     | 0000024493 | 8/19/96         |
| SC-06715-S | ARSENIC     | 7.00  |      | 0.45  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11860016  |             | QT1454.0    | 8/21/96     | 0000024493 | 8/19/96         |
| SC-06715-S | CHROMIUM    | 15.30 |      | 0.52  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11860016  |             | QT1454.0    | 8/21/96     | 0000024493 | 8/19/96         |
| SC-06715-S | LEAD        | 14.90 |      | 0.32  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11860016  |             | QT1454.0    | 8/22/96     | 0000024493 | 8/19/96         |
| SC-06715-S | RADIUM-226  | 1.49  | 0.13 | 0.33  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3233   |             | WP0124.0    | 9/25/96     | 0000024493 | 8/19/96         |
| SC-06715-S | RADIUM-228  | 1.25  | 0.20 | 0.83  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3233   |             | WP0124.0    | 9/25/96     | 0000024493 | 8/19/96         |
| SC-06715-S | THORIUM-230 | 2.97  | 0.16 | 2.27  | PC/KG | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3233   |             | WP0124.0    | 8/22/96     | 0000024493 | 8/19/96         |
| SC-06715-S | URANIUM-238 | ND    |      | 4.03  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3233   |             | WP0124.0    | 9/25/96     | 0000024493 | 8/19/96         |
| SC-06716-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860018  | U           | QT1454.0    | 8/21/96     | 0000024494 | 8/19/96         |
| SC-06716-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860018  | U           | QT1454.0    | 8/21/96     | 0000024494 | 8/19/96         |
| SC-06716-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860018  | U           | QT1454.0    | 8/21/96     | 0000024494 | 8/19/96         |
| SC-06716-S | ARSENIC     | 7.00  |      | 0.46  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11860018  |             | QT1454.0    | 8/21/96     | 0000024494 | 8/19/96         |
| SC-06716-S | CHROMIUM    | 14.10 |      | 0.53  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11860018  |             | QT1454.0    | 8/21/96     | 0000024494 | 8/19/96         |
| SC-06716-S | LEAD        | 13.20 |      | 0.32  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11860018  |             | QT1454.0    | 8/22/96     | 0000024494 | 8/19/96         |
| SC-06716-S | THORIUM-230 | 2.42  | 0.08 | 2.27  | PC/KG | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3234   |             | WP0124.0    | 8/23/96     | 0000024494 | 8/19/96         |
| SC-06716-S | URANIUM-238 | ND    |      | 4.36  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3234   |             | WP0124.0    | 8/22/96     | 0000024494 | 8/19/96         |
| SC-06717-S | URANIUM-238 | ND    |      | 4.04  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3235   |             | WP0124.0    | 8/21/96     | 0000024495 | 8/19/96         |
| SC-06718-S | URANIUM-238 | ND    |      | 4.23  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3236   |             | WP0124.0    | 8/21/96     | 0000024496 | 8/19/96         |
| SC-06719-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860017  | U           | QT1454.0    | 8/21/96     | 0000024497 | 8/19/96         |
| SC-06719-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860017  | U           | QT1454.0    | 8/21/96     | 0000024497 | 8/19/96         |
| SC-06719-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11860017  | U           | QT1454.0    | 8/21/96     | 0000024497 | 8/19/96         |
| SC-06719-S | ARSENIC     | 8.60  |      | 0.48  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11860017  |             | QT1454.0    | 8/21/96     | 0000024497 | 8/19/96         |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ENR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|---------|----------|----------|----------|----------|------------|--------------|
| SC-06719-S | CHROMIUM    | 14.10 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11880017 |          | QT1454.0 | 8/21/98  | 0000024497 | 8/19/98      |
| SC-06719-S | LEAD        | 18.80 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11880017 |          | QT1454.0 | 8/22/98  | 0000024497 | 8/19/98      |
| SC-06719-S | RADIUM-226  | 1.53  | 0.10 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3237  |          | WP0124.0 | 9/25/98  | 0000024497 | 8/19/98      |
| SC-06719-S | RADIUM-228  | 1.10  | 0.13 | 0.49  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3237  |          | WP0124.0 | 9/25/98  | 0000024497 | 8/19/98      |
| SC-06719-S | THORIUM-230 | 2.67  | 0.11 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3237  |          | WP0124.0 | 8/23/98  | 0000024497 | 8/19/98      |
| SC-06719-S | URANIUM-238 | ND    |      | 3.20  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3237  |          | WP0124.0 | 9/25/98  | 0000024497 | 8/19/98      |
| SC-06720-S | AROCOR-1248 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11880018 | U        | QT1454.0 | 8/21/98  | 0000024498 | 8/19/98      |
| SC-06720-S | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11880018 | U        | QT1454.0 | 8/21/98  | 0000024498 | 8/19/98      |
| SC-06720-S | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11880018 | U        | QT1454.0 | 8/21/98  | 0000024498 | 8/19/98      |
| SC-06720-S | ARSENIC     | 6.80  |      | 0.45  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11880018 |          | QT1454.0 | 8/21/98  | 0000024498 | 8/19/98      |
| SC-06720-S | CHROMIUM    | 9.10  |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11880018 |          | QT1454.0 | 8/21/98  | 0000024498 | 8/19/98      |
| SC-06720-S | LEAD        | 17.20 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11880018 |          | QT1454.0 | 8/22/98  | 0000024498 | 8/19/98      |
| SC-06720-S | RADIUM-226  | 1.27  | 0.10 | 0.29  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3238  |          | WP0124.0 | 9/25/98  | 0000024498 | 8/19/98      |
| SC-06720-S | RADIUM-228  | 1.08  | 0.11 | 0.35  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3238  |          | WP0124.0 | 9/25/98  | 0000024498 | 8/19/98      |
| SC-06720-S | THORIUM-230 | 2.88  | 0.15 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3238  |          | WP0124.0 | 8/22/98  | 0000024498 | 8/19/98      |
| SC-06720-S | URANIUM-238 | ND    |      | 2.90  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3238  |          | WP0124.0 | 9/25/98  | 0000024498 | 8/19/98      |
| SC-06721-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11880019 | U        | QT1454.0 | 8/21/98  | 0000024499 | 8/19/98      |
| SC-06721-S | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11880019 | U        | QT1454.0 | 8/21/98  | 0000024499 | 8/19/98      |
| SC-06721-S | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11880019 | U        | QT1454.0 | 8/21/98  | 0000024499 | 8/19/98      |
| SC-06721-S | ARSENIC     | 7.00  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11880019 |          | QT1454.0 | 8/21/98  | 0000024499 | 8/19/98      |
| SC-06721-S | CHROMIUM    | 13.70 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11880019 |          | QT1454.0 | 8/21/98  | 0000024499 | 8/19/98      |
| SC-06721-S | LEAD        | 12.80 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11880019 |          | QT1454.0 | 8/22/98  | 0000024499 | 8/19/98      |
| SC-06721-S | RADIUM-226  | 1.33  | 0.13 | 0.47  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3239  |          | WP0124.0 | 9/25/98  | 0000024499 | 8/19/98      |
| SC-06721-S | RADIUM-228  | 1.40  | 0.19 | 0.56  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3239  |          | WP0124.0 | 9/25/98  | 0000024499 | 8/19/98      |
| SC-06721-S | THORIUM-230 | 2.89  | 0.16 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3239  |          | WP0124.0 | 8/23/98  | 0000024499 | 8/19/98      |
| SC-06721-S | URANIUM-238 | ND    |      | 3.95  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3239  |          | WP0124.0 | 9/25/98  | 0000024499 | 8/19/98      |
| SC-06801-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11907001 | U        | QT1461.0 | 8/26/98  | 0000024500 | 8/23/98      |
| SC-06801-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11907001 | U        | QT1461.0 | 8/26/98  | 0000024500 | 8/23/98      |
| SC-06801-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11907001 | U        | QT1461.0 | 8/26/98  | 0000024500 | 8/23/98      |
| SC-06801-S | ARSENIC     | 20.80 |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11907001 |          | QT1461.0 | 8/24/98  | 0000024500 | 8/23/98      |
| SC-06801-S | CHROMIUM    | 20.00 |      | 0.57  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11907001 |          | QT1461.0 | 8/24/98  | 0000024500 | 8/23/98      |
| SC-06801-S | LEAD        | 25.10 |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11907001 |          | QT1461.0 | 8/24/98  | 0000024500 | 8/23/98      |
| SC-06801-S | THORIUM-230 | 1.42  | 0.22 | 0.05  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00    | L7770-1  |          | LK0457.0 | 8/27/98  | 0000024500 | 8/23/98      |
| SC-06801-S | URANIUM-238 | ND    |      | 4.23  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3367  |          | WP0128.0 | 8/26/98  | 0000024500 | 8/23/98      |
| SC-06802-S | AROCOR-1248 | ND    |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11907002 | U        | QT1461.0 | 8/26/98  | 0000024501 | 8/23/98      |
| SC-06802-S | AROCOR-1254 | ND    |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11907002 | U        | QT1461.0 | 8/26/98  | 0000024501 | 8/23/98      |
| SC-06802-S | AROCOR-1260 | ND    |      | 36.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11907002 | U        | QT1461.0 | 8/26/98  | 0000024501 | 8/23/98      |
| SC-06802-S | ARSENIC     | 7.30  |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11907002 |          | QT1461.0 | 8/24/98  | 0000024501 | 8/23/98      |
| SC-06802-S | CHROMIUM    | 14.90 |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11907002 |          | QT1461.0 | 8/24/98  | 0000024501 | 8/23/98      |
| SC-06802-S | LEAD        | 14.10 |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11907002 |          | QT1461.0 | 8/24/98  | 0000024501 | 8/23/98      |
| SC-06802-S | THORIUM-230 | 1.07  | 0.17 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00    | L7770-2  |          | LK0457.0 | 8/27/98  | 0000024501 | 8/23/98      |
| SC-06802-S | URANIUM-238 | ND    |      | 2.89  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3368  |          | WP0128.0 | 8/26/98  | 0000024501 | 8/23/98      |
| SC-06803-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11907003 | U        | QT1461.0 | 8/26/98  | 0000024502 | 8/23/98      |
| SC-06803-S | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11907003 | U        | QT1461.0 | 8/26/98  | 0000024502 | 8/23/98      |
| SC-06803-S | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11907003 | U        | QT1461.0 | 8/26/98  | 0000024502 | 8/23/98      |
| SC-06803-S | ARSENIC     | 5.80  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11907003 |          | QT1461.0 | 8/24/98  | 0000024502 | 8/23/98      |
| SC-06803-S | CHROMIUM    | 9.40  |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11907003 |          | QT1461.0 | 8/24/98  | 0000024502 | 8/23/98      |
| SC-06803-S | LEAD        | 12.40 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11907003 |          | QT1461.0 | 8/24/98  | 0000024502 | 8/23/98      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-06803-S | THORIUM-230 | 0.88  | 0.15 | 0.04  | PCVG  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00     | L7770-3  |          | LK0457.0 | 8/27/96  | 0000024502 | 8/23/96      |
| SC-06803-S | URANIUM-238 | ND    |      | 3.47  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3359  |          | WP0129.0 | 8/28/96  | 0000024502 | 8/23/96      |
| SC-06804-S | AROCOR-1248 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907004 | U        | QT1481.0 | 8/28/96  | 0000024503 | 8/23/96      |
| SC-06804-S | AROCOR-1254 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907004 | U        | QT1481.0 | 8/28/96  | 0000024503 | 8/23/96      |
| SC-06804-S | AROCOR-1260 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907004 | U        | QT1481.0 | 8/28/96  | 0000024503 | 8/23/96      |
| SC-06804-S | ARSENIC     | 11.00 |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907004 |          | QT1481.0 | 8/24/96  | 0000024503 | 8/23/96      |
| SC-06804-S | CHROMIUM    | 22.10 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907004 |          | QT1481.0 | 8/24/96  | 0000024503 | 8/23/96      |
| SC-06804-S | LEAD        | 18.20 |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907004 |          | QT1481.0 | 8/24/96  | 0000024503 | 8/23/96      |
| SC-06804-S | THORIUM-230 | 1.50  | 0.24 | 0.06  | PCVG  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00     | L7770-4  |          | LK0457.0 | 8/27/96  | 0000024503 | 8/23/96      |
| SC-06804-S | URANIUM-238 | ND    |      | 3.35  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3370  |          | WP0129.0 | 8/28/96  | 0000024503 | 8/23/96      |
| SC-06805-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907005 | U        | QT1481.0 | 8/28/96  | 0000024504 | 8/23/96      |
| SC-06805-S | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907005 | U        | QT1481.0 | 8/28/96  | 0000024504 | 8/23/96      |
| SC-06805-S | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907005 | U        | QT1481.0 | 8/28/96  | 0000024504 | 8/23/96      |
| SC-06805-S | ARSENIC     | 11.50 |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907005 |          | QT1481.0 | 8/24/96  | 0000024504 | 8/23/96      |
| SC-06805-S | CHROMIUM    | 18.60 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907005 |          | QT1481.0 | 8/24/96  | 0000024504 | 8/23/96      |
| SC-06805-S | LEAD        | 14.30 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907005 |          | QT1481.0 | 8/24/96  | 0000024504 | 8/23/96      |
| SC-06805-S | THORIUM-230 | 1.18  | 0.21 | 0.05  | PCVG  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00     | L7770-5  |          | LK0457.0 | 8/27/96  | 0000024504 | 8/23/96      |
| SC-06805-S | URANIUM-238 | ND    |      | 4.43  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3371  |          | WP0129.0 | 8/28/96  | 0000024504 | 8/23/96      |
| SC-06806-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907006 | U        | QT1481.0 | 8/28/96  | 0000024505 | 8/23/96      |
| SC-06806-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907006 | U        | QT1481.0 | 8/28/96  | 0000024505 | 8/23/96      |
| SC-06806-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907006 | U        | QT1481.0 | 8/28/96  | 0000024505 | 8/23/96      |
| SC-06806-S | ARSENIC     | 8.50  |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907006 |          | QT1481.0 | 8/24/96  | 0000024505 | 8/23/96      |
| SC-06806-S | CHROMIUM    | 17.30 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907006 |          | QT1481.0 | 8/24/96  | 0000024505 | 8/23/96      |
| SC-06806-S | LEAD        | 18.00 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907006 |          | QT1481.0 | 8/24/96  | 0000024505 | 8/23/96      |
| SC-06806-S | THORIUM-230 | 1.22  | 0.19 | 0.04  | PCVG  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00     | L7770-6  |          | LK0457.0 | 8/27/96  | 0000024505 | 8/23/96      |
| SC-06806-S | URANIUM-238 | ND    |      | 2.98  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3372  |          | WP0129.0 | 8/28/96  | 0000024505 | 8/23/96      |
| SC-06807-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907007 | U        | QT1481.0 | 8/28/96  | 0000024506 | 8/23/96      |
| SC-06807-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907007 | U        | QT1481.0 | 8/28/96  | 0000024506 | 8/23/96      |
| SC-06807-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907007 | U        | QT1481.0 | 8/28/96  | 0000024506 | 8/23/96      |
| SC-06807-S | ARSENIC     | 8.20  |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907007 |          | QT1481.0 | 8/24/96  | 0000024506 | 8/23/96      |
| SC-06807-S | CHROMIUM    | 18.00 |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907007 |          | QT1481.0 | 8/24/96  | 0000024506 | 8/23/96      |
| SC-06807-S | LEAD        | 18.60 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907007 |          | QT1481.0 | 8/24/96  | 0000024506 | 8/23/96      |
| SC-06807-S | THORIUM-230 | 1.47  | 0.26 | 0.08  | PCVG  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00     | L7770-7  |          | LK0457.0 | 8/27/96  | 0000024506 | 8/23/96      |
| SC-06807-S | URANIUM-238 | ND    |      | 3.88  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3373  |          | WP0129.0 | 8/28/96  | 0000024506 | 8/23/96      |
| SC-06808-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907008 | U        | QT1481.0 | 8/28/96  | 0000024507 | 8/23/96      |
| SC-06808-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907008 | U        | QT1481.0 | 8/28/96  | 0000024507 | 8/23/96      |
| SC-06808-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907008 | U        | QT1481.0 | 8/28/96  | 0000024507 | 8/23/96      |
| SC-06808-S | ARSENIC     | 5.20  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907008 |          | QT1481.0 | 8/24/96  | 0000024507 | 8/23/96      |
| SC-06808-S | CHROMIUM    | 17.40 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907008 |          | QT1481.0 | 8/24/96  | 0000024507 | 8/23/96      |
| SC-06808-S | LEAD        | 11.50 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907008 |          | QT1481.0 | 8/24/96  | 0000024507 | 8/23/96      |
| SC-06809-S | THORIUM-230 | 1.01  | 0.18 | 0.04  | PCVG  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00     | L7770-8  |          | LK0457.0 | 8/27/96  | 0000024507 | 8/23/96      |
| SC-06809-S | URANIUM-238 | ND    |      | 3.12  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3375  |          | WP0129.0 | 8/28/96  | 0000024507 | 8/23/96      |
| SC-06809-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907010 | U        | QT1481.0 | 8/28/96  | 0000024508 | 8/23/96      |
| SC-06809-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907010 | U        | QT1481.0 | 8/28/96  | 0000024508 | 8/23/96      |
| SC-06809-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11907010 | U        | QT1481.0 | 8/28/96  | 0000024508 | 8/23/96      |
| SC-06809-S | ARSENIC     | 12.80 |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907010 |          | QT1481.0 | 8/24/96  | 0000024508 | 8/23/96      |
| SC-06809-S | CHROMIUM    | 20.70 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907010 |          | QT1481.0 | 8/24/96  | 0000024508 | 8/23/96      |
| SC-06809-S | LEAD        | 17.00 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11907010 |          | QT1481.0 | 8/24/96  | 0000024508 | 8/23/96      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB | LAB      | DATE    | SAMPLINK   | DATE    |
|------------|-------------|--------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|-----|----------|---------|------------|---------|
| SC-06808-S | THORIUM-230 | 1.44   | 0.22 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7770-10 |     | LK0457.0 | 8/27/96 | 0000024508 | 8/23/96 |
| SC-06808-S | URANIUM-238 | ND     |      | 3.70  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3378  |     | WP0129.0 | 8/26/96 | 0000024508 | 8/23/96 |
| SC-06810-S | AROCOR-1248 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907011 | U   | QT1461.0 | 8/26/96 | 0000024508 | 8/23/96 |
| SC-06810-S | AROCOR-1254 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907011 | U   | QT1461.0 | 8/26/96 | 0000024508 | 8/23/96 |
| SC-06810-S | AROCOR-1260 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907011 | U   | QT1461.0 | 8/26/96 | 0000024508 | 8/23/96 |
| SC-06810-S | ARSENIC     | 15.60  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907011 |     | QT1461.0 | 8/24/96 | 0000024509 | 8/23/96 |
| SC-06810-S | CHROMIUM    | 14.70  |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907011 |     | QT1461.0 | 8/24/96 | 0000024509 | 8/23/96 |
| SC-06810-S | LEAD        | 14.40  |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907011 |     | QT1461.0 | 8/24/96 | 0000024509 | 8/23/96 |
| SC-06810-S | THORIUM-230 | 1.27   | 0.17 | 0.03  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7770-11 |     | LK0457.0 | 8/27/96 | 0000024509 | 8/23/96 |
| SC-06810-S | URANIUM-238 | ND     |      | 3.06  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3378  |     | WP0129.0 | 8/26/96 | 0000024509 | 8/23/96 |
| SC-06811-S | AROCOR-1248 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907012 | U   | QT1461.0 | 8/26/96 | 0000024510 | 8/23/96 |
| SC-06811-S | AROCOR-1254 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907012 | U   | QT1461.0 | 8/26/96 | 0000024510 | 8/23/96 |
| SC-06811-S | AROCOR-1260 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907012 | U   | QT1461.0 | 8/26/96 | 0000024510 | 8/23/96 |
| SC-06811-S | ARSENIC     | 20.60  |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907012 |     | QT1461.0 | 8/24/96 | 0000024510 | 8/23/96 |
| SC-06811-S | CHROMIUM    | 17.10  |      | 0.56  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907012 |     | QT1461.0 | 8/24/96 | 0000024510 | 8/23/96 |
| SC-06811-S | LEAD        | 20.80  |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907012 |     | QT1461.0 | 8/24/96 | 0000024510 | 8/23/96 |
| SC-06811-S | THORIUM-230 | 1.48   | 0.19 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7770-12 |     | LK0457.0 | 8/27/96 | 0000024510 | 8/23/96 |
| SC-06811-S | URANIUM-238 | ND     |      | 4.00  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3379  |     | WP0129.0 | 8/26/96 | 0000024510 | 8/23/96 |
| SC-06812-S | AROCOR-1248 | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907013 | U   | QT1461.0 | 8/26/96 | 0000024511 | 8/23/96 |
| SC-06812-S | AROCOR-1254 | 140.00 |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907013 | U   | QT1461.0 | 8/26/96 | 0000024511 | 8/23/96 |
| SC-06812-S | AROCOR-1260 | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907013 | U   | QT1461.0 | 8/26/96 | 0000024511 | 8/23/96 |
| SC-06812-S | ARSENIC     | 7.90   |      | 0.45  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907013 |     | QT1461.0 | 8/24/96 | 0000024511 | 8/23/96 |
| SC-06812-S | CHROMIUM    | 12.40  |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907013 |     | QT1461.0 | 8/24/96 | 0000024511 | 8/23/96 |
| SC-06812-S | LEAD        | 20.80  |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907013 |     | QT1461.0 | 8/24/96 | 0000024511 | 8/23/96 |
| SC-06812-S | THORIUM-230 | 0.96   | 0.20 | 0.07  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7770-13 |     | LK0457.0 | 8/27/96 | 0000024511 | 8/23/96 |
| SC-06812-S | URANIUM-238 | ND     |      | 2.93  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3380  |     | WP0129.0 | 8/26/96 | 0000024511 | 8/23/96 |
| SC-06813-S | AROCOR-1248 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907014 | U   | QT1461.0 | 8/26/96 | 0000024512 | 8/23/96 |
| SC-06813-S | AROCOR-1254 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907014 | U   | QT1461.0 | 8/26/96 | 0000024512 | 8/23/96 |
| SC-06813-S | AROCOR-1260 | 42.00  |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907014 |     | QT1461.0 | 8/26/96 | 0000024512 | 8/23/96 |
| SC-06813-S | ARSENIC     | 13.10  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907014 |     | QT1461.0 | 8/24/96 | 0000024512 | 8/23/96 |
| SC-06813-S | CHROMIUM    | 14.10  |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907014 |     | QT1461.0 | 8/24/96 | 0000024512 | 8/23/96 |
| SC-06813-S | LEAD        | 34.60  |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907014 |     | QT1461.0 | 8/24/96 | 0000024512 | 8/23/96 |
| SC-06813-S | THORIUM-230 | 1.37   | 0.22 | 0.05  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7770-14 |     | LK0457.0 | 8/27/96 | 0000024512 | 8/23/96 |
| SC-06813-S | URANIUM-238 | 8.29   | 1.57 | 4.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3381  |     | WP0129.0 | 8/26/96 | 0000024512 | 8/23/96 |
| SC-06814-S | AROCOR-1248 | ND     |      | 35.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907015 | U   | QT1461.0 | 8/26/96 | 0000024513 | 8/23/96 |
| SC-06814-S | AROCOR-1254 | ND     |      | 35.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907015 | U   | QT1461.0 | 8/26/96 | 0000024513 | 8/23/96 |
| SC-06814-S | AROCOR-1260 | 210.00 |      | 35.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907015 |     | QT1461.0 | 8/26/96 | 0000024513 | 8/23/96 |
| SC-06814-S | ARSENIC     | 9.00   |      | 0.43  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907015 |     | QT1461.0 | 8/24/96 | 0000024513 | 8/23/96 |
| SC-06814-S | CHROMIUM    | 12.10  |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907015 |     | QT1461.0 | 8/24/96 | 0000024513 | 8/23/96 |
| SC-06814-S | LEAD        | 28.50  |      | 0.30  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907015 |     | QT1461.0 | 8/24/96 | 0000024513 | 8/23/96 |
| SC-06814-S | THORIUM-230 | 1.42   | 0.20 | 0.05  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7770-15 |     | LK0457.0 | 8/27/96 | 0000024513 | 8/23/96 |
| SC-06814-S | URANIUM-238 | 7.72   | 1.09 | 2.61  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3382  |     | WP0129.0 | 8/26/96 | 0000024513 | 8/23/96 |
| SC-06815-S | AROCOR-1248 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907016 | U   | QT1461.0 | 8/26/96 | 0000024514 | 8/23/96 |
| SC-06815-S | AROCOR-1254 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907016 | U   | QT1461.0 | 8/26/96 | 0000024514 | 8/23/96 |
| SC-06815-S | AROCOR-1260 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907016 | U   | QT1461.0 | 8/26/96 | 0000024514 | 8/23/96 |
| SC-06815-S | ARSENIC     | 18.90  |      | 0.45  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907016 |     | QT1461.0 | 8/24/96 | 0000024514 | 8/23/96 |
| SC-06815-S | CHROMIUM    | 15.00  |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907016 |     | QT1461.0 | 8/24/96 | 0000024514 | 8/23/96 |
| SC-06815-S | LEAD        | 23.30  |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907016 |     | QT1461.0 | 8/24/96 | 0000024514 | 8/23/96 |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB | LAB      | DATE    | SAMPLINK   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|-----|----------|---------|------------|---------|
| SC-06815-S | THORIUM-230 | 1.42  | 0.22 | 0.06  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7770-16 |     | LK0457.0 | 8/27/96 | 0000024514 | 8/23/96 |
| SC-06815-S | URANIUM-238 | ND    |      | 3.85  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3383  |     | WP0129.0 | 8/26/96 | 0000024514 | 8/23/96 |
| SC-06816-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907017 | U   | QT1461.0 | 8/26/96 | 0000024515 | 8/23/96 |
| SC-06816-S | AROCOR-1254 | 96.00 |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907017 |     | QT1461.0 | 8/26/96 | 0000024515 | 8/23/96 |
| SC-06816-S | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907017 | U   | QT1461.0 | 8/26/96 | 0000024515 | 8/23/96 |
| SC-06816-S | ARSENIC     | 6.80  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907017 |     | QT1461.0 | 8/24/96 | 0000024515 | 8/23/96 |
| SC-06816-S | CHROMIUM    | 21.50 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907017 |     | QT1461.0 | 8/24/96 | 0000024515 | 8/23/96 |
| SC-06816-S | LEAD        | 17.20 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907017 |     | QT1461.0 | 8/24/96 | 0000024515 | 8/23/96 |
| SC-06816-S | THORIUM-230 | 1.77  | 0.27 | 0.06  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7770-17 |     | LK0457.0 | 8/27/96 | 0000024515 | 8/23/96 |
| SC-06816-S | URANIUM-238 | 13.20 | 1.69 | 3.07  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3384  |     | WP0129.0 | 8/26/96 | 0000024515 | 8/23/96 |
| SC-06817-S | AROCOR-1248 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907018 | U   | QT1461.0 | 8/26/96 | 0000024516 | 8/23/96 |
| SC-06817-S | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907018 | U   | QT1461.0 | 8/26/96 | 0000024516 | 8/23/96 |
| SC-06817-S | AROCOR-1260 | 71.00 |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907018 |     | QT1461.0 | 8/26/96 | 0000024516 | 8/23/96 |
| SC-06817-S | ARSENIC     | 8.70  |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907018 |     | QT1461.0 | 8/24/96 | 0000024516 | 8/23/96 |
| SC-06817-S | CHROMIUM    | 14.00 |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907018 |     | QT1461.0 | 8/24/96 | 0000024516 | 8/23/96 |
| SC-06817-S | LEAD        | 21.20 |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907018 |     | QT1461.0 | 8/24/96 | 0000024516 | 8/23/96 |
| SC-06817-S | THORIUM-230 | 1.30  | 0.18 | 0.03  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7770-18 |     | LK0457.0 | 8/27/96 | 0000024516 | 8/23/96 |
| SC-06817-S | URANIUM-238 | ND    |      | 4.15  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3385  |     | WP0129.0 | 8/26/96 | 0000024516 | 8/23/96 |
| SC-06818-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907019 | U   | QT1461.0 | 8/26/96 | 0000024517 | 8/23/96 |
| SC-06818-S | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907019 | U   | QT1461.0 | 8/26/96 | 0000024517 | 8/23/96 |
| SC-06818-S | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907019 | U   | QT1461.0 | 8/26/96 | 0000024517 | 8/23/96 |
| SC-06818-S | ARSENIC     | 5.10  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907019 |     | QT1461.0 | 8/24/96 | 0000024517 | 8/23/96 |
| SC-06818-S | CHROMIUM    | 8.30  |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907019 |     | QT1461.0 | 8/24/96 | 0000024517 | 8/23/96 |
| SC-06818-S | LEAD        | 13.40 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907019 |     | QT1461.0 | 8/24/96 | 0000024517 | 8/23/96 |
| SC-06818-S | THORIUM-230 | 0.98  | 0.17 | 0.05  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7770-19 |     | LK0457.0 | 8/27/96 | 0000024517 | 8/23/96 |
| SC-06818-S | URANIUM-238 | ND    |      | 2.82  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3386  |     | WP0129.0 | 8/26/96 | 0000024517 | 8/23/96 |
| SC-06819-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907020 | U   | QT1461.0 | 8/26/96 | 0000024518 | 8/23/96 |
| SC-06819-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907020 | U   | QT1461.0 | 8/26/96 | 0000024518 | 8/23/96 |
| SC-06819-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907020 | U   | QT1461.0 | 8/26/96 | 0000024518 | 8/23/96 |
| SC-06819-S | ARSENIC     | 13.90 |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907020 |     | QT1461.0 | 8/24/96 | 0000024518 | 8/23/96 |
| SC-06819-S | CHROMIUM    | 17.00 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907020 |     | QT1461.0 | 8/24/96 | 0000024518 | 8/23/96 |
| SC-06819-S | LEAD        | 13.60 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907020 |     | QT1461.0 | 8/24/96 | 0000024518 | 8/23/96 |
| SC-06819-S | THORIUM-230 | 1.25  | 0.25 | 0.06  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7770-20 |     | LK0457.0 | 8/27/96 | 0000024518 | 8/23/96 |
| SC-06819-S | URANIUM-238 | ND    |      | 4.07  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3387  |     | WP0129.0 | 8/26/96 | 0000024518 | 8/23/96 |
| SC-06820-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907021 | U   | QT1461.0 | 8/26/96 | 0000024519 | 8/23/96 |
| SC-06820-S | AROCOR-1254 | 96.00 |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907021 |     | QT1461.0 | 8/26/96 | 0000024519 | 8/23/96 |
| SC-06820-S | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907021 | U   | QT1461.0 | 8/26/96 | 0000024519 | 8/23/96 |
| SC-06820-S | ARSENIC     | 7.30  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907021 |     | QT1461.0 | 8/24/96 | 0000024519 | 8/23/96 |
| SC-06820-S | CHROMIUM    | 14.90 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907021 |     | QT1461.0 | 8/24/96 | 0000024519 | 8/23/96 |
| SC-06820-S | LEAD        | 13.70 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907021 |     | QT1461.0 | 8/24/96 | 0000024519 | 8/23/96 |
| SC-06820-S | THORIUM-230 | 1.06  | 0.23 | 0.06  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7770-21 |     | LK0457.0 | 8/27/96 | 0000024519 | 8/23/96 |
| SC-06820-S | URANIUM-238 | ND    |      | 2.73  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3388  |     | WP0129.0 | 8/26/96 | 0000024519 | 8/23/96 |
| SC-06821-S | AROCOR-1248 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907022 | U   | QT1461.0 | 8/26/96 | 0000024520 | 8/23/96 |
| SC-06821-S | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907022 | U   | QT1461.0 | 8/26/96 | 0000024520 | 8/23/96 |
| SC-06821-S | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11907022 | U   | QT1461.0 | 8/26/96 | 0000024520 | 8/23/96 |
| SC-06821-S | ARSENIC     | 7.80  |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907022 |     | QT1461.0 | 8/24/96 | 0000024520 | 8/23/96 |
| SC-06821-S | CHROMIUM    | 13.30 |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907022 |     | QT1461.0 | 8/24/96 | 0000024520 | 8/23/96 |
| SC-06821-S | LEAD        | 15.70 |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11907022 |     | QT1461.0 | 8/24/96 | 0000024520 | 8/23/96 |

APPENDIX D TABLE D-1

| WSSRAP ID       | PARAMETER   | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | OIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|-----------------|-------------|--------|------|-------|-------|-----|------|----------|-----------|--------|---------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-08821-S      | THORIUM-230 | 1.16   | 0.23 | 0.06  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00     | L7770-22 |          | LK0457.0 | 8/29/96  | 0000024520 | 8/23/96      |
| SC-08821-S      | URANIUM-238 | -1.92  | 0.91 | 2.82  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3389  |          | WP0129.0 | 8/26/96  | 0000024520 | 8/23/96      |
| SC-08901-S      | AROCOR-1248 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862001 | U        | QT1452.0 | 8/22/96  | 0000024521 | 8/19/96      |
| SC-08901-S      | AROCOR-1254 | 120.00 |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862001 |          | QT1452.0 | 8/22/96  | 0000024521 | 8/19/96      |
| SC-08901-S      | AROCOR-1260 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862001 | U        | QT1452.0 | 8/22/96  | 0000024521 | 8/19/96      |
| SC-08901-S      | ARSENIC     | 10.30  |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862001 |          | QT1452.0 | 8/23/96  | 0000024521 | 8/19/96      |
| SC-08901-S      | CHROMIUM    | 16.50  |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862001 |          | QT1452.0 | 8/23/96  | 0000024521 | 8/19/96      |
| SC-08901-S      | LEAD        | 101.00 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862001 |          | QT1452.0 | 8/23/96  | 0000024521 | 8/19/96      |
| SC-08901-S      | THORIUM-230 | 3.36   | 0.29 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3189  |          | WP0122.0 | 8/21/96  | 0000024521 | 8/19/96      |
| SC-08901-S      | URANIUM-238 | 21.00  | 2.85 | 5.49  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3189  |          | WP0122.0 | 8/20/96  | 0000024521 | 8/19/96      |
| SC-08901-S-H801 | RADIUM-226  | 1.75   | 0.12 | 0.43  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3425  |          | WP0131.0 | 9/30/96  | 0000029645 | 8/27/96      |
| SC-08901-S-H801 | RADIUM-226  | 1.52   | 0.15 | 0.60  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3425  |          | WP0131.0 | 9/30/96  | 0000029645 | 8/27/96      |
| SC-08901-S-H801 | URANIUM-238 | 101.00 | 7.98 | 6.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3425  |          | WP0131.0 | 9/30/96  | 0000029645 | 8/27/96      |
| SC-08901-U      | AROCOR-1248 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862003 | U        | QT1452.0 | 8/23/96  | 0000029529 | 8/19/96      |
| SC-08901-U      | AROCOR-1254 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862003 | U        | QT1452.0 | 8/23/96  | 0000029529 | 8/19/96      |
| SC-08901-U      | AROCOR-1260 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862003 | U        | QT1452.0 | 8/23/96  | 0000029529 | 8/19/96      |
| SC-08901-U      | ARSENIC     | 2.60   |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862003 |          | QT1452.0 | 8/23/96  | 0000029529 | 8/19/96      |
| SC-08901-U      | CHROMIUM    | 14.20  |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862003 |          | QT1452.0 | 8/23/96  | 0000029529 | 8/19/96      |
| SC-08901-U      | LEAD        | 13.40  |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862003 |          | QT1452.0 | 8/23/96  | 0000029529 | 8/19/96      |
| SC-08901-U      | RADIUM-226  | 1.34   | 0.12 | 0.34  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3171  |          | WP0122.0 | 9/24/96  | 0000029529 | 8/19/96      |
| SC-08901-U      | RADIUM-226  | 1.85   | 0.22 | 0.58  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3171  |          | WP0122.0 | 9/24/96  | 0000029529 | 8/19/96      |
| SC-08901-U      | THORIUM-230 | 2.49   | 0.10 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3171  |          | WP0122.0 | 8/21/96  | 0000029529 | 8/19/96      |
| SC-08901-U      | URANIUM-238 | ND     |      | 4.10  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3171  |          | WP0122.0 | 9/26/96  | 0000029529 | 8/19/96      |
| SC-08902-S      | AROCOR-1248 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862004 | U        | QT1452.0 | 8/22/96  | 0000024522 | 8/19/96      |
| SC-08902-S      | AROCOR-1254 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862004 | U        | QT1452.0 | 8/22/96  | 0000024522 | 8/19/96      |
| SC-08902-S      | AROCOR-1260 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862004 | U        | QT1452.0 | 8/22/96  | 0000024522 | 8/19/96      |
| SC-08902-S      | ARSENIC     | 9.30   |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862004 |          | QT1452.0 | 8/23/96  | 0000024522 | 8/19/96      |
| SC-08902-S      | CHROMIUM    | 16.10  |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862004 |          | QT1452.0 | 8/23/96  | 0000024522 | 8/19/96      |
| SC-08902-S      | LEAD        | 19.90  |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862004 |          | QT1452.0 | 8/23/96  | 0000024522 | 8/19/96      |
| SC-08902-S      | THORIUM-230 | 2.79   | 0.14 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3172  |          | WP0122.0 | 8/23/96  | 0000024522 | 8/19/96      |
| SC-08902-S      | URANIUM-238 | ND     |      | 5.24  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3172  |          | WP0122.0 | 8/21/96  | 0000024522 | 8/19/96      |
| SC-08903-S      | AROCOR-1248 | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862006 | U        | QT1452.0 | 8/22/96  | 0000024523 | 8/19/96      |
| SC-08903-S      | AROCOR-1254 | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862006 | U        | QT1452.0 | 8/22/96  | 0000024523 | 8/19/96      |
| SC-08903-S      | AROCOR-1260 | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862006 | U        | QT1452.0 | 8/22/96  | 0000024523 | 8/19/96      |
| SC-08903-S      | ARSENIC     | 12.70  |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862006 |          | QT1452.0 | 8/23/96  | 0000024523 | 8/19/96      |
| SC-08903-S      | CHROMIUM    | 24.30  |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862006 |          | QT1452.0 | 8/23/96  | 0000024523 | 8/19/96      |
| SC-08903-S      | LEAD        | 10.80  |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862006 |          | QT1452.0 | 8/23/96  | 0000024523 | 8/19/96      |
| SC-08903-S      | THORIUM-230 | 2.75   | 0.15 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3173  |          | WP0122.0 | 8/21/96  | 0000024523 | 8/19/96      |
| SC-08903-S      | URANIUM-238 | ND     |      | 4.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3173  |          | WP0122.0 | 8/20/96  | 0000024523 | 8/19/96      |
| SC-08904-S      | AROCOR-1248 | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862006 | U        | QT1452.0 | 8/22/96  | 0000024524 | 8/19/96      |
| SC-08904-S      | AROCOR-1254 | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862006 | U        | QT1452.0 | 8/22/96  | 0000024524 | 8/19/96      |
| SC-08904-S      | AROCOR-1260 | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862006 | U        | QT1452.0 | 8/22/96  | 0000024524 | 8/19/96      |
| SC-08904-S      | ARSENIC     | 7.10   |      | 0.45  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862006 |          | QT1452.0 | 8/23/96  | 0000024524 | 8/19/96      |
| SC-08904-S      | CHROMIUM    | 10.00  |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862006 |          | QT1452.0 | 8/23/96  | 0000024524 | 8/19/96      |
| SC-08904-S      | LEAD        | 25.20  |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862006 |          | QT1452.0 | 8/23/96  | 0000024524 | 8/19/96      |
| SC-08904-S      | THORIUM-230 | 2.82   | 0.14 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3174  |          | WP0122.0 | 8/21/96  | 0000024524 | 8/19/96      |
| SC-08904-S      | URANIUM-238 | ND     |      | 3.04  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3174  |          | WP0122.0 | 8/20/96  | 0000024524 | 8/19/96      |
| SC-08905-C      | AROCOR-1248 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862014 | U        | QT1452.0 | 8/22/96  | 0000024526 | 8/19/96      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | DIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANAL | SAMPLINK   | DATE SAMPLED |
|------------|------------------------|-------|------|-------|-------|-----|------|----------|-----------|--------|----------------|----------|----------|----------|----------|-----------|------------|--------------|
| SC-06905-C | AROCLOR-1254           | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 11862014 | U        | QT1452.0 | 8/22/96   | 0000024526 | 8/19/96      |
| SC-06905-C | AROCLOR-1260           | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 11862014 | U        | QT1452.0 | 8/22/96   | 0000024526 | 8/19/96      |
| SC-06905-C | ARSENIC                | 9.40  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11862014 |          | QT1452.0 | 8/23/96   | 0000024526 | 8/19/96      |
| SC-06905-C | BENZO(A)ANTHRACENE     | 9.70  |      | 5.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862014 |          | QT1452.0 | 8/21/96   | 0000024526 | 8/19/96      |
| SC-06905-C | BENZO(A)PYRENE         | ND    |      | 9.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862014 | U        | QT1452.0 | 8/21/96   | 0000024526 | 8/19/96      |
| SC-06905-C | BENZO(B)FLUORANTHENE   | ND    |      | 7.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862014 | U        | QT1452.0 | 8/21/96   | 0000024526 | 8/19/96      |
| SC-06905-C | BENZO(K)FLUORANTHENE   | ND    |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862014 | U        | QT1452.0 | 8/21/96   | 0000024526 | 8/19/96      |
| SC-06905-C | CHROMIUM               | 19.00 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11862014 |          | QT1452.0 | 8/23/96   | 0000024526 | 8/19/96      |
| SC-06905-C | CHRYSENE               | ND    |      | 60.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862014 | U        | QT1452.0 | 8/21/96   | 0000024526 | 8/19/96      |
| SC-06905-C | INDENO(1,2,3-CD)PYRENE | ND    |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862014 | U        | QT1452.0 | 8/21/96   | 0000024526 | 8/19/96      |
| SC-06905-C | LEAD                   | 11.00 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11862014 |          | QT1452.0 | 8/23/96   | 0000024526 | 8/19/96      |
| SC-06905-C | THORIUM-230            | 2.77  | 0.13 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3176  |          | WP0122.0 | 8/21/96   | 0000024526 | 8/19/96      |
| SC-06905-S | AROCLOR-1248           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 11862015 | U        | QT1452.0 | 8/22/96   | 0000024526 | 8/19/96      |
| SC-06905-S | AROCLOR-1254           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 11862015 | U        | QT1452.0 | 8/22/96   | 0000024526 | 8/19/96      |
| SC-06905-S | AROCLOR-1260           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 11862015 | U        | QT1452.0 | 8/22/96   | 0000024526 | 8/19/96      |
| SC-06905-S | ARSENIC                | 7.20  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11862015 |          | QT1452.0 | 8/23/96   | 0000024526 | 8/19/96      |
| SC-06905-S | BENZO(A)ANTHRACENE     | 54.00 |      | 5.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862015 |          | QT1452.0 | 8/21/96   | 0000024526 | 8/19/96      |
| SC-06905-S | BENZO(A)PYRENE         | ND    |      | 9.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862015 | U        | QT1452.0 | 8/21/96   | 0000024526 | 8/19/96      |
| SC-06905-S | BENZO(B)FLUORANTHENE   | 11.00 |      | 7.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862015 |          | QT1452.0 | 8/21/96   | 0000024526 | 8/19/96      |
| SC-06905-S | BENZO(K)FLUORANTHENE   | ND    |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862015 | U        | QT1452.0 | 8/21/96   | 0000024526 | 8/19/96      |
| SC-06905-S | CHROMIUM               | 14.40 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11862015 |          | QT1452.0 | 8/23/96   | 0000024526 | 8/19/96      |
| SC-06905-S | CHRYSENE               | ND    |      | 60.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862015 | U        | QT1452.0 | 8/21/96   | 0000024526 | 8/19/96      |
| SC-06905-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862015 | U        | QT1452.0 | 8/21/96   | 0000024526 | 8/19/96      |
| SC-06905-S | LEAD                   | 10.70 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11862015 |          | QT1452.0 | 8/23/96   | 0000024526 | 8/19/96      |
| SC-06905-S | THORIUM-230            | 2.83  | 0.16 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3176  |          | WP0122.0 | 8/21/96   | 0000024526 | 8/19/96      |
| SC-06905-S | URANIUM-238            | ND    |      | 2.96  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3178  |          | WP0122.0 | 8/20/96   | 0000024526 | 8/19/96      |
| SC-06906-C | AROCLOR-1248           | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 11862007 | U        | QT1452.0 | 8/22/96   | 0000024527 | 8/19/96      |
| SC-06906-C | AROCLOR-1254           | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 11862007 | U        | QT1452.0 | 8/22/96   | 0000024527 | 8/19/96      |
| SC-06906-C | AROCLOR-1260           | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 11862007 | U        | QT1452.0 | 8/22/96   | 0000024527 | 8/19/96      |
| SC-06906-C | ARSENIC                | 10.10 |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11862007 |          | QT1452.0 | 8/23/96   | 0000024527 | 8/19/96      |
| SC-06906-C | CHROMIUM               | 17.40 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11862007 |          | QT1452.0 | 8/23/96   | 0000024527 | 8/19/96      |
| SC-06906-C | LEAD                   | 19.00 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11862007 |          | QT1452.0 | 8/23/96   | 0000024527 | 8/19/96      |
| SC-06906-C | THORIUM-230            | 2.64  | 0.12 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3177  |          | WP0122.0 | 8/23/96   | 0000024527 | 8/19/96      |
| SC-06906-S | AROCLOR-1248           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 11862016 | U        | QT1452.0 | 8/22/96   | 0000024528 | 8/19/96      |
| SC-06906-S | AROCLOR-1254           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 11862016 | U        | QT1452.0 | 8/22/96   | 0000024528 | 8/19/96      |
| SC-06906-S | AROCLOR-1260           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 11862016 | U        | QT1452.0 | 8/22/96   | 0000024528 | 8/19/96      |
| SC-06906-S | ARSENIC                | 5.10  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11862016 |          | QT1452.0 | 8/23/96   | 0000024528 | 8/19/96      |
| SC-06906-S | BENZO(A)ANTHRACENE     | ND    |      | 5.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862016 | U        | QT1452.0 | 8/21/96   | 0000024528 | 8/19/96      |
| SC-06906-S | BENZO(A)PYRENE         | ND    |      | 9.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862016 | U        | QT1452.0 | 8/21/96   | 0000024528 | 8/19/96      |
| SC-06906-S | BENZO(B)FLUORANTHENE   | ND    |      | 7.20  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862016 | U        | QT1452.0 | 8/21/96   | 0000024528 | 8/19/96      |
| SC-06906-S | BENZO(K)FLUORANTHENE   | ND    |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862016 | U        | QT1452.0 | 8/21/96   | 0000024528 | 8/19/96      |
| SC-06906-S | CHROMIUM               | 14.60 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11862016 |          | QT1452.0 | 8/23/96   | 0000024528 | 8/19/96      |
| SC-06906-S | CHRYSENE               | ND    |      | 60.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862016 | U        | QT1452.0 | 8/21/96   | 0000024528 | 8/19/96      |
| SC-06906-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11862016 | U        | QT1452.0 | 8/21/96   | 0000024528 | 8/19/96      |
| SC-06906-S | LEAD                   | 6.70  |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 11862016 |          | QT1452.0 | 8/23/96   | 0000024528 | 8/19/96      |
| SC-06906-S | THORIUM-230            | 2.43  | 0.10 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3178  |          | WP0122.0 | 8/21/96   | 0000024528 | 8/19/96      |
| SC-06906-S | URANIUM-238            | ND    |      | 3.00  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3178  |          | WP0122.0 | 8/20/96   | 0000024528 | 8/19/96      |
| SC-06907-C | AROCLOR-1248           | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 11862008 | U        | QT1452.0 | 8/22/96   | 0000024531 | 8/19/96      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | OIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLE#    | DATE SAMPLED |
|------------|-------------|--------|------|-------|-------|-----|------|----------|-----------|--------|---------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-06907-C | AROCOR-1254 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862008 | U        | QT1452.0 | 8/22/96  | 0000024531 | 8/19/96      |
| SC-06907-C | AROCOR-1260 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862008 | U        | QT1452.0 | 8/22/96  | 0000024531 | 8/19/96      |
| SC-06907-C | ARSENIC     | 8.50   |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862008 |          | QT1452.0 | 8/23/96  | 0000024531 | 8/19/96      |
| SC-06907-C | CHROMIUM    | 17.40  |      | 0.56  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862008 |          | QT1452.0 | 8/23/96  | 0000024531 | 8/19/96      |
| SC-06907-C | LEAD        | 11.80  |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862008 |          | QT1452.0 | 8/23/96  | 0000024531 | 8/19/96      |
| SC-06907-C | RADIUM-226  | 1.37   | 0.10 | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3179  |          | WP0122.0 | 8/24/96  | 0000024531 | 8/19/96      |
| SC-06907-C | RADIUM-228  | 1.30   | 0.13 | 0.50  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3179  |          | WP0122.0 | 8/24/96  | 0000024531 | 8/19/96      |
| SC-06907-C | THORIUM-230 | 2.47   | 0.09 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3179  |          | WP0122.0 | 8/21/96  | 0000024531 | 8/19/96      |
| SC-06907-S | AROCOR-1248 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862008 | U        | QT1452.0 | 8/22/96  | 0000024529 | 8/19/96      |
| SC-06907-S | AROCOR-1254 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862008 | U        | QT1452.0 | 8/22/96  | 0000024529 | 8/19/96      |
| SC-06907-S | AROCOR-1260 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862008 | U        | QT1452.0 | 8/22/96  | 0000024529 | 8/19/96      |
| SC-06907-S | ARSENIC     | 10.40  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862009 |          | QT1452.0 | 8/23/96  | 0000024529 | 8/19/96      |
| SC-06907-S | CHROMIUM    | 17.10  |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862009 |          | QT1452.0 | 8/23/96  | 0000024529 | 8/19/96      |
| SC-06907-S | LEAD        | 13.10  |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862009 |          | QT1452.0 | 8/23/96  | 0000024529 | 8/19/96      |
| SC-06907-S | RADIUM-226  | 1.48   | 0.13 | 0.27  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3180  |          | WP0122.0 | 8/24/96  | 0000024529 | 8/19/96      |
| SC-06907-S | RADIUM-228  | 1.08   | 0.20 | 0.80  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3180  |          | WP0122.0 | 8/24/96  | 0000024529 | 8/19/96      |
| SC-06907-S | THORIUM-230 | 2.74   | 0.14 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3180  |          | WP0122.0 | 8/21/96  | 0000024529 | 8/19/96      |
| SC-06907-S | URANIUM-238 | ND     |      | 4.01  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3180  |          | WP0122.0 | 8/24/96  | 0000024529 | 8/19/96      |
| SC-06908-S | RADIUM-226  | 1.54   | 0.10 | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3181  |          | WP0122.0 | 8/24/96  | 0000024530 | 8/19/96      |
| SC-06908-S | RADIUM-228  | 1.12   | 0.12 | 0.45  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3181  |          | WP0122.0 | 8/24/96  | 0000024530 | 8/19/96      |
| SC-06908-S | URANIUM-238 | -2.41  | 0.89 | 2.43  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3181  |          | WP0122.0 | 8/20/96  | 0000024530 | 8/19/96      |
| SC-06908-C | AROCOR-1248 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862010 | U        | QT1452.0 | 8/22/96  | 0000024533 | 8/19/96      |
| SC-06908-C | AROCOR-1254 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862010 | U        | QT1452.0 | 8/22/96  | 0000024533 | 8/19/96      |
| SC-06908-C | AROCOR-1260 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862010 | U        | QT1452.0 | 8/22/96  | 0000024533 | 8/19/96      |
| SC-06908-C | ARSENIC     | 7.50   |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862010 |          | QT1452.0 | 8/23/96  | 0000024533 | 8/19/96      |
| SC-06908-C | CHROMIUM    | 11.80  |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862010 |          | QT1452.0 | 8/23/96  | 0000024533 | 8/19/96      |
| SC-06908-C | LEAD        | 11.20  |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862010 |          | QT1452.0 | 8/23/96  | 0000024533 | 8/19/96      |
| SC-06908-C | THORIUM-230 | 2.77   | 0.18 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3182  |          | WP0122.0 | 8/21/96  | 0000024533 | 8/19/96      |
| SC-06908-S | AROCOR-1248 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862011 | U        | QT1452.0 | 8/22/96  | 0000024532 | 8/19/96      |
| SC-06908-S | AROCOR-1254 | 260.00 |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862011 | U        | QT1452.0 | 8/22/96  | 0000024532 | 8/19/96      |
| SC-06908-S | AROCOR-1260 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862011 | U        | QT1452.0 | 8/22/96  | 0000024532 | 8/19/96      |
| SC-06908-S | ARSENIC     | 7.50   |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862011 |          | QT1452.0 | 8/23/96  | 0000024532 | 8/19/96      |
| SC-06908-S | CHROMIUM    | 18.30  |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862011 |          | QT1452.0 | 8/23/96  | 0000024532 | 8/19/96      |
| SC-06908-S | LEAD        | 57.40  |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862011 |          | QT1452.0 | 8/23/96  | 0000024532 | 8/19/96      |
| SC-06908-S | THORIUM-230 | 3.55   | 0.34 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3183  |          | WP0122.0 | 8/21/96  | 0000024532 | 8/19/96      |
| SC-06908-S | URANIUM-238 | 29.30  | 3.80 | 4.95  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3183  |          | WP0122.0 | 8/20/96  | 0000024532 | 8/19/96      |
| SC-06910-C | AROCOR-1248 | ND     |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862012 | U        | QT1452.0 | 8/22/96  | 0000024535 | 8/19/96      |
| SC-06910-C | AROCOR-1254 | ND     |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862012 | U        | QT1452.0 | 8/22/96  | 0000024535 | 8/19/96      |
| SC-06910-C | AROCOR-1260 | ND     |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862012 | U        | QT1452.0 | 8/22/96  | 0000024535 | 8/19/96      |
| SC-06910-C | ARSENIC     | 8.70   |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862012 |          | QT1452.0 | 8/23/96  | 0000024535 | 8/19/96      |
| SC-06910-C | CHROMIUM    | 19.70  |      | 0.81  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862012 |          | QT1452.0 | 8/23/96  | 0000024535 | 8/19/96      |
| SC-06910-C | LEAD        | 13.80  |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862012 |          | QT1452.0 | 8/23/96  | 0000024535 | 8/19/96      |
| SC-06910-C | THORIUM-230 | 2.81   | 0.12 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3184  |          | WP0122.0 | 8/22/96  | 0000024535 | 8/19/96      |
| SC-06910-S | AROCOR-1248 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862013 | U        | QT1452.0 | 8/22/96  | 0000024534 | 8/19/96      |
| SC-06910-S | AROCOR-1254 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862013 | U        | QT1452.0 | 8/22/96  | 0000024534 | 8/19/96      |
| SC-06910-S | AROCOR-1260 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11862013 | U        | QT1452.0 | 8/22/96  | 0000024534 | 8/19/96      |
| SC-06910-S | ARSENIC     | 8.50   |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862013 |          | QT1452.0 | 8/23/96  | 0000024534 | 8/19/96      |
| SC-06910-S | CHROMIUM    | 14.70  |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11862013 |          | QT1452.0 | 8/23/96  | 0000024534 | 8/19/96      |

APPENDIX D TABLE D-1

| WBSRAP ID       | PARAMETER    | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|-----------------|--------------|--------|------|-------|-------|-----|------|----------|-----------|--------|---------------|---------|----------|----------|----------|----------|------------|--------------|
| SC-08910-S      | LEAD         | 14.00  |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11862013 |          | QT1452.0 | 8/23/96  | 0000024534 | 8/19/96      |
| SC-08910-S      | THORIUM-230  | 2.72   | 0.14 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3195  |          | WP0123.0 | 8/21/96  | 0000024534 | 8/19/96      |
| SC-08910-S      | URANIUM-238  | ND     |      | 3.14  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3195  |          | WP0123.0 | 8/20/96  | 0000024534 | 8/19/96      |
| SC-08911-S      | AROCLOL-1248 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11861001 | U        | QT1453.0 | 8/21/96  | 0000024536 | 8/19/96      |
| SC-08911-S      | AROCLOL-1254 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11861001 | U        | QT1453.0 | 8/21/96  | 0000024536 | 8/19/96      |
| SC-08911-S      | AROCLOL-1260 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11861001 | U        | QT1453.0 | 8/21/96  | 0000024536 | 8/19/96      |
| SC-08911-S      | ARSENIC      | 12.40  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11861001 |          | QT1453.0 | 8/22/96  | 0000024536 | 8/19/96      |
| SC-08911-S      | CHROMIUM     | 19.50  |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11861001 |          | QT1453.0 | 8/22/96  | 0000024536 | 8/19/96      |
| SC-08911-S      | LEAD         | 14.70  |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11861001 |          | QT1453.0 | 8/22/96  | 0000024536 | 8/19/96      |
| SC-08911-S      | THORIUM-230  | 2.63   | 0.14 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3196  |          | WP0123.0 | 8/22/96  | 0000024536 | 8/19/96      |
| SC-08911-S      | URANIUM-238  | -1.85  | 0.51 | 2.01  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3196  |          | WP0123.0 | 8/22/96  | 0000024536 | 8/19/96      |
| SC-08912-S      | AROCLOL-1248 | ND     |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11861003 | U        | QT1453.0 | 8/21/96  | 0000024537 | 8/19/96      |
| SC-08912-S      | AROCLOL-1254 | ND     |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11861003 | U        | QT1453.0 | 8/21/96  | 0000024537 | 8/19/96      |
| SC-08912-S      | AROCLOL-1260 | ND     |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11861003 | U        | QT1453.0 | 8/21/96  | 0000024537 | 8/19/96      |
| SC-08912-S      | ARSENIC      | 11.50  |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11861003 |          | QT1453.0 | 8/22/96  | 0000024537 | 8/19/96      |
| SC-08912-S      | CHROMIUM     | 19.80  |      | 0.81  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11861003 |          | QT1453.0 | 8/22/96  | 0000024537 | 8/19/96      |
| SC-08912-S      | LEAD         | 16.50  |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11861003 |          | QT1453.0 | 8/22/96  | 0000024537 | 8/19/96      |
| SC-08912-S      | THORIUM-230  | 2.73   | 0.13 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3196  |          | WP0123.0 | 8/21/96  | 0000024537 | 8/19/96      |
| SC-08912-S      | URANIUM-238  | ND     |      | 5.72  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3196  |          | WP0123.0 | 8/20/96  | 0000024537 | 8/19/96      |
| SC-08913-C      | AROCLOL-1248 | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11861004 | U        | QT1453.0 | 8/21/96  | 0000024538 | 8/19/96      |
| SC-08913-C      | AROCLOL-1254 | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11861004 | U        | QT1453.0 | 8/21/96  | 0000024538 | 8/19/96      |
| SC-08913-C      | AROCLOL-1260 | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11861004 | U        | QT1453.0 | 8/21/96  | 0000024538 | 8/19/96      |
| SC-08913-C      | ARSENIC      | 11.70  |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11861004 |          | QT1453.0 | 8/22/96  | 0000024538 | 8/19/96      |
| SC-08913-C      | CHROMIUM     | 23.80  |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11861004 |          | QT1453.0 | 8/22/96  | 0000024538 | 8/19/96      |
| SC-08913-C      | LEAD         | 14.70  |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11861004 |          | QT1453.0 | 8/22/96  | 0000024538 | 8/19/96      |
| SC-08913-C      | THORIUM-230  | 2.68   | 0.15 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3196  |          | WP0123.0 | 8/21/96  | 0000024538 | 8/19/96      |
| SC-08913-S      | AROCLOL-1248 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11861006 | U        | QT1453.0 | 8/21/96  | 0000024539 | 8/19/96      |
| SC-08913-S      | AROCLOL-1254 | 200.00 |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11861006 |          | QT1453.0 | 8/21/96  | 0000024539 | 8/19/96      |
| SC-08913-S      | AROCLOL-1260 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11861006 | U        | QT1453.0 | 8/21/96  | 0000024539 | 8/19/96      |
| SC-08913-S      | ARSENIC      | 9.50   |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11861006 |          | QT1453.0 | 8/22/96  | 0000024539 | 8/19/96      |
| SC-08913-S      | CHROMIUM     | 17.70  |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11861006 |          | QT1453.0 | 8/22/96  | 0000024539 | 8/19/96      |
| SC-08913-S      | LEAD         | 37.40  |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11861006 |          | QT1453.0 | 8/22/96  | 0000024539 | 8/19/96      |
| SC-08913-S      | THORIUM-230  | 3.12   | 0.20 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3200  |          | WP0123.0 | 8/21/96  | 0000024539 | 8/19/96      |
| SC-08913-S      | URANIUM-238  | -2.78  | 1.03 | 3.03  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3200  |          | WP0123.0 | 8/20/96  | 0000024539 | 8/19/96      |
| SC-08913-S-H801 | RADIUM-226   | 100.00 | 1.84 | 1.82  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3426  |          | WP0131.0 | 9/30/96  | 0000028843 | 8/27/96      |
| SC-08913-S-H801 | RADIUM-228   | 2.46   | 0.50 | 1.88  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3426  |          | WP0131.0 | 9/30/96  | 0000028843 | 8/27/96      |
| SC-08913-S-H801 | URANIUM-238  | 30.80  | 5.18 | 12.30 | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3426  |          | WP0131.0 | 9/30/96  | 0000028843 | 8/27/96      |
| SC-08913-S-R801 | RADIUM-226   | 1.56   | 0.11 | 0.31  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3622  |          | WP0139.0 | 10/28/96 | 0000029957 | 9/7/96       |
| SC-08913-S-R801 | RADIUM-228   | 1.19   | 0.13 | 0.44  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3622  |          | WP0139.0 | 10/28/96 | 0000029957 | 9/7/96       |
| SC-08913-S-R801 | THORIUM-230  | 1.04   | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3622  |          | WP0139.0 | 10/28/96 | 0000029957 | 9/7/96       |
| SC-08913-S-R801 | URANIUM-238  | ND     |      | 3.11  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3622  |          | WP0139.0 | 10/28/96 | 0000029957 | 9/7/96       |
| SC-08914-S      | AROCLOL-1248 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11861006 | U        | QT1453.0 | 8/21/96  | 0000024540 | 8/19/96      |
| SC-08914-S      | AROCLOL-1254 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11861006 | U        | QT1453.0 | 8/21/96  | 0000024540 | 8/19/96      |
| SC-08914-S      | AROCLOL-1260 | ND     |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11861006 | U        | QT1453.0 | 8/21/96  | 0000024540 | 8/19/96      |
| SC-08914-S      | ARSENIC      | 9.10   |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11861006 |          | QT1453.0 | 8/22/96  | 0000024540 | 8/19/96      |
| SC-08914-S      | CHROMIUM     | 14.90  |      | 0.69  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11861006 |          | QT1453.0 | 8/22/96  | 0000024540 | 8/19/96      |
| SC-08914-S      | LEAD         | 14.60  |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11861006 |          | QT1453.0 | 8/22/96  | 0000024540 | 8/19/96      |
| SC-08914-S      | THORIUM-230  | 2.68   | 0.13 | 2.27  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3201  |          | WP0123.0 | 8/23/96  | 0000024540 | 8/19/96      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB  | LAB      | DATE    | SAMPLINK   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|------|----------|---------|------------|---------|
|            |             |       |      |       |       |     |      |          |           |        |               | FACT | ID       | QUAL | REQD     | ANA     |            | SAMPLED |
| SC-08914-S | URANIUM-238 | ND    |      | 3.13  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3201  |      | WP0123.0 | 8/21/98 | 0000024540 | 8/19/98 |
| SC-08915-C | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861007 | U    | QT1453.0 | 8/21/98 | 0000024542 | 8/19/98 |
| SC-08915-C | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861007 | U    | QT1453.0 | 8/21/98 | 0000024542 | 8/19/98 |
| SC-08915-C | AROCOR-1260 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861007 | U    | QT1453.0 | 8/21/98 | 0000024542 | 8/19/98 |
| SC-08915-C | ARSENIC     | 5.50  |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861007 |      | QT1453.0 | 8/22/98 | 0000024542 | 8/19/98 |
| SC-08915-C | CHROMIUM    | 18.20 |      | 0.57  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861007 |      | QT1453.0 | 8/22/98 | 0000024542 | 8/19/98 |
| SC-08915-C | LEAD        | 15.70 |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861007 |      | QT1453.0 | 8/22/98 | 0000024542 | 8/19/98 |
| SC-08916-C | THORIUM-230 | 2.54  | 0.14 | 2.27  | PC/G  | *   |      |          | ENL TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3202  |      | WP0123.0 | 8/21/98 | 0000024542 | 8/19/98 |
| SC-08916-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861008 | U    | QT1453.0 | 8/21/98 | 0000024541 | 8/19/98 |
| SC-08916-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861008 | U    | QT1453.0 | 8/21/98 | 0000024541 | 8/19/98 |
| SC-08916-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861008 | U    | QT1453.0 | 8/21/98 | 0000024541 | 8/19/98 |
| SC-08915-S | ARSENIC     | 11.30 |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861008 |      | QT1453.0 | 8/22/98 | 0000024541 | 8/19/98 |
| SC-08915-S | CHROMIUM    | 18.40 |      | 0.57  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861008 |      | QT1453.0 | 8/22/98 | 0000024541 | 8/19/98 |
| SC-08915-S | LEAD        | 12.70 |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861008 |      | QT1453.0 | 8/22/98 | 0000024541 | 8/19/98 |
| SC-08916-S | THORIUM-230 | 2.67  | 0.12 | 2.27  | PC/G  | *   |      |          | ENL TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3203  |      | WP0123.0 | 8/21/98 | 0000024541 | 8/19/98 |
| SC-08916-S | URANIUM-238 | ND    |      | 3.81  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3203  |      | WP0123.0 | 8/20/98 | 0000024541 | 8/19/98 |
| SC-08916-S | URANIUM-238 | ND    |      | 3.08  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3204  |      | WP0123.0 | 8/20/98 | 0000024543 | 8/19/98 |
| SC-08917-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861009 | U    | QT1453.0 | 8/21/98 | 0000024544 | 8/19/98 |
| SC-08917-S | AROCOR-1254 | 41.00 |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861009 |      | QT1453.0 | 8/21/98 | 0000024544 | 8/19/98 |
| SC-08917-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861009 | U    | QT1453.0 | 8/21/98 | 0000024544 | 8/19/98 |
| SC-08917-S | ARSENIC     | 8.50  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861009 |      | QT1453.0 | 8/22/98 | 0000024544 | 8/19/98 |
| SC-08917-S | CHROMIUM    | 12.70 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861009 |      | QT1453.0 | 8/22/98 | 0000024544 | 8/19/98 |
| SC-08917-S | LEAD        | 17.00 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861009 |      | QT1453.0 | 8/22/98 | 0000024544 | 8/19/98 |
| SC-08917-S | THORIUM-230 | 2.68  | 0.12 | 2.27  | PC/G  | *   |      |          | ENL TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3205  |      | WP0123.0 | 8/22/98 | 0000024544 | 8/19/98 |
| SC-08917-S | URANIUM-238 | 21.20 | 2.35 | 3.58  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3205  |      | WP0123.0 | 8/21/98 | 0000024544 | 8/19/98 |
| SC-08918-S | AROCOR-1248 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861010 | U    | QT1453.0 | 8/21/98 | 0000024545 | 8/19/98 |
| SC-08918-S | AROCOR-1254 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861010 | U    | QT1453.0 | 8/21/98 | 0000024545 | 8/19/98 |
| SC-08918-S | AROCOR-1260 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861010 | U    | QT1453.0 | 8/21/98 | 0000024545 | 8/19/98 |
| SC-08918-S | ARSENIC     | 0.80  |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861010 |      | QT1453.0 | 8/22/98 | 0000024545 | 8/19/98 |
| SC-08918-S | CHROMIUM    | 22.00 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861010 |      | QT1453.0 | 8/22/98 | 0000024545 | 8/19/98 |
| SC-08918-S | LEAD        | 14.90 |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861010 |      | QT1453.0 | 8/22/98 | 0000024545 | 8/19/98 |
| SC-08918-S | THORIUM-230 | 2.78  | 0.13 | 2.27  | PC/G  | *   |      |          | ENL TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3206  |      | WP0123.0 | 8/23/98 | 0000024545 | 8/19/98 |
| SC-08918-S | URANIUM-238 | ND    |      | 3.89  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3206  |      | WP0123.0 | 8/22/98 | 0000024545 | 8/19/98 |
| SC-08919-C | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861011 | U    | QT1453.0 | 8/21/98 | 0000024547 | 8/19/98 |
| SC-08919-C | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861011 | U    | QT1453.0 | 8/21/98 | 0000024547 | 8/19/98 |
| SC-08919-C | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861011 | U    | QT1453.0 | 8/21/98 | 0000024547 | 8/19/98 |
| SC-08919-C | ARSENIC     | 9.00  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861011 |      | QT1453.0 | 8/22/98 | 0000024547 | 8/19/98 |
| SC-08919-C | CHROMIUM    | 17.30 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861011 |      | QT1453.0 | 8/22/98 | 0000024547 | 8/19/98 |
| SC-08919-C | LEAD        | 14.80 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861011 |      | QT1453.0 | 8/22/98 | 0000024547 | 8/19/98 |
| SC-08919-C | THORIUM-230 | 2.67  | 0.12 | 2.27  | PC/G  | *   |      |          | ENL TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3207  |      | WP0123.0 | 8/23/98 | 0000024547 | 8/19/98 |
| SC-08919-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861012 | U    | QT1453.0 | 8/21/98 | 0000024548 | 8/19/98 |
| SC-08919-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861012 | U    | QT1453.0 | 8/21/98 | 0000024548 | 8/19/98 |
| SC-08919-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11861012 | U    | QT1453.0 | 8/21/98 | 0000024548 | 8/19/98 |
| SC-08919-S | ARSENIC     | 13.30 |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861012 |      | QT1453.0 | 8/22/98 | 0000024548 | 8/19/98 |
| SC-08919-S | CHROMIUM    | 15.40 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861012 |      | QT1453.0 | 8/22/98 | 0000024548 | 8/19/98 |
| SC-08919-S | LEAD        | 16.40 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11861012 |      | QT1453.0 | 8/22/98 | 0000024548 | 8/19/98 |
| SC-08919-S | THORIUM-230 | 2.85  | 0.16 | 2.27  | PC/G  | *   |      |          | ENL TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3208  |      | WP0123.0 | 8/21/98 | 0000024548 | 8/19/98 |
| SC-08919-S | URANIUM-238 | -2.64 | 0.74 | 2.83  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3208  |      | WP0123.0 | 8/20/98 | 0000024548 | 8/19/98 |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS   | METHOD    | MATRIX | CATEGORY      | DIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|-------------|-------|------|-------|-------|-----|------|------------|-----------|--------|---------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-06920-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |            | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11861013 | U        | QT1453.0 | 8/22/96  | 0000024548 | 8/19/96      |
| SC-06920-S | AROCOR-1254 | 42.00 |      | 38.00 | UG/KG | *   |      |            | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11861013 |          | QT1453.0 | 8/22/96  | 0000024548 | 8/19/96      |
| SC-06920-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |            | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11861013 | U        | QT1453.0 | 8/22/96  | 0000024548 | 8/19/96      |
| SC-06920-S | ARSENIC     | 6.10  |      | 0.48  | UG/G  | *   |      |            | EPA CLP   | SOIL   | METALS        | 1.00     | 11861013 |          | QT1453.0 | 8/22/96  | 0000024548 | 8/19/96      |
| SC-06920-S | CHROMIUM    | 13.70 |      | 0.53  | UG/G  | *   |      |            | EPA CLP   | SOIL   | METALS        | 1.00     | 11861013 |          | QT1453.0 | 8/22/96  | 0000024548 | 8/19/96      |
| SC-06920-S | LEAD        | 18.60 |      | 0.32  | UG/G  | *   |      |            | EPA CLP   | SOIL   | METALS        | 1.00     | 11861013 |          | QT1453.0 | 8/22/96  | 0000024548 | 8/19/96      |
| SC-06920-S | THORIUM-230 | 2.67  | 0.11 | 2.27  | PC/G  | *   |      |            | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3209  |          | WP0123.0 | 8/23/96  | 0000024548 | 8/19/96      |
| SC-06920-S | URANIUM-238 | ND    |      | 4.31  | PC/G  | *   |      |            | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3209  |          | WP0123.0 | 8/22/96  | 0000024548 | 8/19/96      |
| SC-06921-S | AROCOR-1248 | ND    |      | 43.00 | UG/KG | *   |      |            | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11861014 | U        | QT1453.0 | 8/22/96  | 0000024549 | 8/19/96      |
| SC-06921-S | AROCOR-1254 | ND    |      | 43.00 | UG/KG | *   |      |            | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11861014 | U        | QT1453.0 | 8/22/96  | 0000024549 | 8/19/96      |
| SC-06921-S | AROCOR-1260 | ND    |      | 43.00 | UG/KG | *   |      |            | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11861014 | U        | QT1453.0 | 8/22/96  | 0000024549 | 8/19/96      |
| SC-06921-S | ARSENIC     | 23.10 |      | 0.52  | UG/G  | *   |      |            | EPA CLP   | SOIL   | METALS        | 1.00     | 11861014 |          | QT1453.0 | 8/22/96  | 0000024549 | 8/19/96      |
| SC-06921-S | CHROMIUM    | 17.50 |      | 0.60  | UG/G  | *   |      |            | EPA CLP   | SOIL   | METALS        | 1.00     | 11861014 |          | QT1453.0 | 8/22/96  | 0000024549 | 8/19/96      |
| SC-06921-S | LEAD        | 15.60 |      | 0.37  | UG/G  | *   |      |            | EPA CLP   | SOIL   | METALS        | 1.00     | 11861014 |          | QT1453.0 | 8/22/96  | 0000024549 | 8/19/96      |
| SC-06921-S | THORIUM-230 | 2.78  | 0.17 | 2.27  | PC/G  | *   |      |            | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3210  |          | WP0123.0 | 8/21/96  | 0000024549 | 8/19/96      |
| SC-06921-S | URANIUM-238 | ND    |      | 3.08  | PC/G  | *   |      |            | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3210  |          | WP0123.0 | 8/20/96  | 0000024549 | 8/19/96      |
| SC-06922-C | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |            | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11861016 | U        | QT1453.0 | 8/22/96  | 0000024551 | 8/19/96      |
| SC-06922-C | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |            | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11861016 | U        | QT1453.0 | 8/22/96  | 0000024551 | 8/19/96      |
| SC-06922-C | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |            | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11861016 | U        | QT1453.0 | 8/22/96  | 0000024551 | 8/19/96      |
| SC-06922-C | ARSENIC     | 8.30  |      | 0.48  | UG/G  | *   |      |            | EPA CLP   | SOIL   | METALS        | 1.00     | 11861016 |          | QT1453.0 | 8/22/96  | 0000024551 | 8/19/96      |
| SC-06922-C | CHROMIUM    | 18.30 |      | 0.55  | UG/G  | *   |      |            | EPA CLP   | SOIL   | METALS        | 1.00     | 11861016 |          | QT1453.0 | 8/22/96  | 0000024551 | 8/19/96      |
| SC-06922-C | LEAD        | 17.40 |      | 0.34  | UG/G  | *   |      |            | EPA CLP   | SOIL   | METALS        | 1.00     | 11861016 |          | QT1453.0 | 8/22/96  | 0000024551 | 8/19/96      |
| SC-06922-C | THORIUM-230 | 2.68  | 0.14 | 2.27  | PC/G  | *   |      |            | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3211  |          | WP0123.0 | 8/23/96  | 0000024551 | 8/19/96      |
| SC-06922-S | AROCOR-1248 | ND    |      | 44.00 | UG/KG | *   |      |            | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11861016 | U        | QT1453.0 | 8/22/96  | 0000024550 | 8/19/96      |
| SC-06922-S | AROCOR-1254 | ND    |      | 44.00 | UG/KG | *   |      |            | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11861016 | U        | QT1453.0 | 8/22/96  | 0000024550 | 8/19/96      |
| SC-06922-S | AROCOR-1260 | ND    |      | 44.00 | UG/KG | *   |      |            | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11861016 | U        | QT1453.0 | 8/22/96  | 0000024550 | 8/19/96      |
| SC-06922-S | ARSENIC     | 25.80 |      | 0.54  | UG/G  | *   |      |            | EPA CLP   | SOIL   | METALS        | 1.00     | 11861016 |          | QT1453.0 | 8/22/96  | 0000024550 | 8/19/96      |
| SC-06922-S | CHROMIUM    | 15.90 |      | 0.62  | UG/G  | *   |      |            | EPA CLP   | SOIL   | METALS        | 1.00     | 11861016 |          | QT1453.0 | 8/22/96  | 0000024550 | 8/19/96      |
| SC-06922-S | LEAD        | 16.30 |      | 0.38  | UG/G  | *   |      |            | EPA CLP   | SOIL   | METALS        | 1.00     | 11861016 |          | QT1453.0 | 8/22/96  | 0000024550 | 8/19/96      |
| SC-06922-S | THORIUM-230 | 2.91  | 0.19 | 2.27  | PC/G  | *   |      |            | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3212  |          | WP0123.0 | 8/21/96  | 0000024550 | 8/19/96      |
| SC-06922-S | URANIUM-238 | ND    |      | 3.73  | PC/G  | *   |      |            | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3212  |          | WP0123.0 | 8/20/96  | 0000024550 | 8/19/96      |
| SC-06923-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *   |      |            | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11861018 | U        | QT1453.0 | 8/22/96  | 0000024552 | 8/19/96      |
| SC-06923-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *   |      |            | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11861018 | U        | QT1453.0 | 8/22/96  | 0000024552 | 8/19/96      |
| SC-06923-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | *   |      |            | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11861018 | U        | QT1453.0 | 8/22/96  | 0000024552 | 8/19/96      |
| SC-06923-S | ARSENIC     | 10.60 |      | 0.50  | UG/G  | *   |      |            | EPA CLP   | SOIL   | METALS        | 1.00     | 11861018 |          | QT1453.0 | 8/22/96  | 0000024552 | 8/19/96      |
| SC-06923-S | CHROMIUM    | 17.00 |      | 0.57  | UG/G  | *   |      |            | EPA CLP   | SOIL   | METALS        | 1.00     | 11861018 |          | QT1453.0 | 8/22/96  | 0000024552 | 8/19/96      |
| SC-06923-S | LEAD        | 20.60 |      | 0.35  | UG/G  | *   |      |            | EPA CLP   | SOIL   | METALS        | 1.00     | 11861018 |          | QT1453.0 | 8/22/96  | 0000024552 | 8/19/96      |
| SC-06923-S | THORIUM-230 | 2.83  | 0.15 | 2.27  | PC/G  | *   |      |            | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3214  |          | WP0123.0 | 8/23/96  | 0000024552 | 8/19/96      |
| SC-06923-S | URANIUM-238 | ND    |      | 3.02  | PC/G  | *   |      |            | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3214  |          | WP0123.0 | 8/22/96  | 0000024552 | 8/19/96      |
| SC-06924-S | URANIUM-238 | ND    |      | 3.85  | PC/G  | *   |      |            | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3216  |          | WP0123.0 | 8/21/96  | 0000024553 | 8/19/96      |
| SC-06925-S | URANIUM-238 | 3.22  | 0.92 | 2.42  | PC/G  | *   |      |            | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3216  |          | WP0123.0 | 8/21/96  | 0000024554 | 8/19/96      |
| SC-07001-S | URANIUM-238 | ND    |      | 5.71  | PC/G  | *   |      | RN INGROWN | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC2639  |          | WP0087.0 | 7/16/96  | 0000024555 | 8/13/96      |
| SC-07002-S | URANIUM-238 | 11.00 | 1.40 | 2.87  | PC/G  | *   |      | RN INGROWN | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC2540  |          | WP0087.0 | 7/16/96  | 0000024556 | 8/13/96      |
| SC-07003-S | URANIUM-238 | ND    |      | 4.17  | PC/G  | *   |      | RN INGROWN | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC2541  |          | WP0087.0 | 7/16/96  | 0000024557 | 8/13/96      |
| SC-07004-S | URANIUM-238 | ND    |      | 3.07  | PC/G  | *   |      | RN INGROWN | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC2542  |          | WP0087.0 | 7/16/96  | 0000024558 | 8/13/96      |
| SC-07005-S | URANIUM-238 | ND    |      | 4.60  | PC/G  | *   |      | RN INGROWN | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC2543  |          | WP0087.0 | 7/16/96  | 0000024559 | 8/13/96      |
| SC-07006-S | URANIUM-238 | ND    |      | 4.11  | PC/G  | *   |      | RN INGROWN | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC2434  |          | WP0082.0 | 7/6/96   | 0000024560 | 8/5/96       |
| SC-07007-S | AROCOR-1248 | ND    |      | 43.00 | UG/KG | *   |      |            | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 1126023  | U        | QT1381.0 | 8/8/96   | 0000024561 | 8/5/96       |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS   | METHOD      | MATRIX | CATEGORY      | DIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|-------------|-------|------|-------|-------|-----|------|------------|-------------|--------|---------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-07007-S | AROCOR-1254 | ND    |      | 43.00 | UG/KG |     |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 11280023 | U        | QT1381.0 | 6/5/96   | 0000024561 | 6/5/96       |
| SC-07007-S | AROCOR-1260 | ND    |      | 43.00 | UG/KG |     |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 11280023 | U        | QT1381.0 | 6/5/96   | 0000024561 | 6/5/96       |
| SC-07007-S | LEAD        | 11.00 |      | 0.16  | UG/G  |     |      |            | EPA CLP     | SOIL   | METALS        | 1.00     | 11280023 |          | QT1381.0 | 6/7/96   | 0000024561 | 6/5/96       |
| SC-07007-S | RADIUM-226  | 1.33  | 0.10 | 0.35  | PC/G  | *   |      | RN INGROWN | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC2435  |          | WP0062.0 | 7/9/96   | 0000024561 | 6/5/96       |
| SC-07007-S | RADIUM-226  | 1.30  | 0.14 | 0.52  | PC/G  | *   |      | RN INGROWN | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC2435  |          | WP0062.0 | 7/9/96   | 0000024561 | 6/5/96       |
| SC-07007-S | THORIUM-230 | 0.78  | 0.25 | 0.08  | PC/G  | *   |      | RN INGROWN | NAS-NS-3004 | SOIL   | RADIOCHEMICAL | 1.00     | 11280023 |          | QT1381.0 | 6/5/96   | 0000024561 | 6/5/96       |
| SC-07007-S | URANIUM-238 | ND    |      | 3.18  | PC/G  | *   |      | RN INGROWN | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC2435  |          | WP0062.0 | 7/9/96   | 0000024561 | 6/5/96       |
| SC-07008-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG |     |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 11280024 | U        | QT1381.0 | 6/8/96   | 0000024562 | 6/5/96       |
| SC-07008-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG |     |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 11280024 | U        | QT1381.0 | 6/8/96   | 0000024562 | 6/5/96       |
| SC-07008-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG |     |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 11280024 | U        | QT1381.0 | 6/8/96   | 0000024562 | 6/5/96       |
| SC-07008-S | LEAD        | 20.90 |      | 0.14  | UG/G  |     |      |            | EPA CLP     | SOIL   | METALS        | 1.00     | 11280024 |          | QT1381.0 | 6/7/96   | 0000024562 | 6/5/96       |
| SC-07008-S | RADIUM-226  | 1.49  | 0.14 | 0.50  | PC/G  | *   |      | RN INGROWN | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC2435  |          | WP0062.0 | 7/9/96   | 0000024562 | 6/5/96       |
| SC-07008-S | RADIUM-226  | ND    |      | 1.32  | PC/G  | *   |      | RN INGROWN | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC2435  |          | WP0062.0 | 7/9/96   | 0000024562 | 6/5/96       |
| SC-07008-S | THORIUM-230 | 3.20  | 0.73 | 0.18  | PC/G  | J   |      |            | NAS-NS-3004 | SOIL   | RADIOCHEMICAL | 1.00     | 11280024 |          | QT1381.0 | 6/9/96   | 0000024562 | 6/5/96       |
| SC-07008-S | URANIUM-238 | ND    |      | 4.29  | PC/G  | *   |      | RN INGROWN | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC2435  |          | WP0062.0 | 7/9/96   | 0000024562 | 6/5/96       |
| SC-07010-S | URANIUM-238 | 4.29  | 1.29 | 3.59  | PC/G  | *   |      |            | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC3004  |          | WP0150.0 | 10/2/96  | 0000024564 | 9/30/96      |
| SC-07011-S | URANIUM-238 | ND    |      | 3.03  | PC/G  | *   |      |            | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC3005  |          | WP0150.0 | 10/2/96  | 0000024565 | 9/30/96      |
| SC-07012-S | URANIUM-238 | ND    |      | 4.01  | PC/G  | *   |      |            | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC3006  |          | WP0150.0 | 10/2/96  | 0000024566 | 9/30/96      |
| SC-07013-S | URANIUM-238 | ND    |      | 3.14  | PC/G  | *   |      |            | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC3007  |          | WP0150.0 | 10/2/96  | 0000024567 | 9/30/96      |
| SC-07014-S | URANIUM-238 | ND    |      | 3.13  | PC/G  | *   |      |            | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC3008  |          | WP0150.0 | 10/2/96  | 0000024568 | 9/30/96      |
| SC-07015-S | URANIUM-238 | ND    |      | 4.12  | PC/G  | *   |      |            | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC3745  |          | WP0143.0 | 9/17/96  | 0000024569 | 9/14/96      |
| SC-07016-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *   |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 12148003 | U        | QT1488.0 | 9/18/96  | 0000024570 | 9/14/96      |
| SC-07016-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *   |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 12148003 | U        | QT1488.0 | 9/18/96  | 0000024570 | 9/14/96      |
| SC-07016-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | *   |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 12148003 | U        | QT1488.0 | 9/18/96  | 0000024570 | 9/14/96      |
| SC-07016-S | LEAD        | 16.50 |      | 0.35  | UG/G  | *   |      |            | EPA CLP     | SOIL   | METALS        | 1.00     | 12148003 |          | QT1488.0 | 9/16/96  | 0000024570 | 9/14/96      |
| SC-07016-S | RADIUM-226  | 1.32  | 0.10 | 0.32  | PC/G  | *   |      |            | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC3748  |          | WP0143.0 | 10/28/96 | 0000024570 | 9/14/96      |
| SC-07016-S | RADIUM-226  | 1.23  | 0.12 | 0.57  | PC/G  | *   |      |            | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC3748  |          | WP0143.0 | 10/28/96 | 0000024570 | 9/14/96      |
| SC-07016-S | THORIUM-230 | 1.28  | 0.14 | 0.72  | PC/G  | *   |      |            | EML TH-01   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3748  |          | WP0143.0 | 9/17/96  | 0000024570 | 9/14/96      |
| SC-07016-S | URANIUM-238 | ND    |      | 3.03  | PC/G  | *   |      |            | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC3748  |          | WP0143.0 | 10/28/96 | 0000024570 | 9/14/96      |
| SC-07018-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 12353001 | U        | QT2000.0 | 10/3/96  | 0000024572 | 9/30/96      |
| SC-07018-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 12353001 | U        | QT2000.0 | 10/3/96  | 0000024572 | 9/30/96      |
| SC-07018-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 12353001 | U        | QT2000.0 | 10/3/96  | 0000024572 | 9/30/96      |
| SC-07018-S | ARSENIC     | 10.30 |      | 0.43  | UG/G  | *   |      |            | EPA CLP     | SOIL   | METALS        | 1.00     | 12353001 |          | QT2000.0 | 10/2/96  | 0000024572 | 9/30/96      |
| SC-07018-S | CHROMIUM    | 14.70 |      | 0.36  | UG/G  | *   |      |            | EPA CLP     | SOIL   | METALS        | 1.00     | 12353001 |          | QT2000.0 | 10/2/96  | 0000024572 | 9/30/96      |
| SC-07018-S | LEAD        | 14.20 |      | 0.19  | UG/G  | *   |      |            | EPA CLP     | SOIL   | METALS        | 1.00     | 12353001 |          | QT2000.0 | 10/2/96  | 0000024572 | 9/30/96      |
| SC-07018-S | URANIUM-238 | -1.05 | 0.93 | 2.89  | PC/G  | *   |      |            | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC3009  |          | WP0150.0 | 10/2/96  | 0000024572 | 9/30/96      |
| SC-07020-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 12353002 | U        | QT2000.0 | 10/4/96  | 0000024573 | 9/30/96      |
| SC-07020-S | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 12353002 | U        | QT2000.0 | 10/4/96  | 0000024573 | 9/30/96      |
| SC-07020-S | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 12353002 | U        | QT2000.0 | 10/4/96  | 0000024573 | 9/30/96      |
| SC-07020-S | ARSENIC     | 4.50  |      | 0.42  | UG/G  | *   |      |            | EPA CLP     | SOIL   | METALS        | 1.00     | 12353002 |          | QT2000.0 | 10/2/96  | 0000024573 | 9/30/96      |
| SC-07020-S | CHROMIUM    | 13.00 |      | 0.35  | UG/G  | *   |      |            | EPA CLP     | SOIL   | METALS        | 1.00     | 12353002 |          | QT2000.0 | 10/2/96  | 0000024573 | 9/30/96      |
| SC-07020-S | LEAD        | 15.10 |      | 0.19  | UG/G  | *   |      |            | EPA CLP     | SOIL   | METALS        | 1.00     | 12353002 |          | QT2000.0 | 10/2/96  | 0000024573 | 9/30/96      |
| SC-07020-S | URANIUM-238 | 4.01  | 0.60 | 2.56  | PC/G  | *   |      |            | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC3910  |          | WP0150.0 | 10/2/96  | 0000024573 | 9/30/96      |
| SC-07021-C | URANIUM-238 | ND    |      | 4.03  | PC/G  | *   |      |            | HASL300     | SOIL   | RADIOCHEMICAL | 1.00     | WSC3911  |          | WP0150.0 | 10/2/96  | 0000024574 | 9/30/96      |
| SC-07021-S | AROCOR-1248 | ND    |      | 43.00 | UG/KG | *   |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 12353003 | U        | QT2000.0 | 10/4/96  | 0000024575 | 9/30/96      |
| SC-07021-S | AROCOR-1254 | ND    |      | 43.00 | UG/KG | *   |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 12353003 | U        | QT2000.0 | 10/4/96  | 0000024575 | 9/30/96      |
| SC-07021-S | AROCOR-1260 | ND    |      | 43.00 | UG/KG | *   |      |            | EPA 8080A   | SOIL   | PEST/PCBS     | 1.00     | 12353003 | U        | QT2000.0 | 10/4/96  | 0000024575 | 9/30/96      |
| SC-07021-S | ARSENIC     | 2.50  |      | 0.46  | UG/G  | *   |      |            | EPA CLP     | SOIL   | METALS        | 1.00     | 12353003 | B        | QT2000.0 | 10/2/96  | 0000024575 | 9/30/96      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER              | CONC   | ERR  | DL    | UNITS | VAL<br>QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | OIL<br>FACT | LAB<br>ID | LAB<br>QUAL | LAB<br>REQU | DATE<br>ANA | SAMPLINK   | DATE<br>SAMPLED |
|------------|------------------------|--------|------|-------|-------|-------------|----------|-----------|--------|----------------|-------------|-----------|-------------|-------------|-------------|------------|-----------------|
| SC-07021-S | CHROMIUM               | 13.40  |      | 0.36  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS         | 1.00        | 12353003  |             | QT2000.0    | 10/2/96     | 0000024575 | 9/30/96         |
| SC-07021-S | LEAD                   | 10.70  |      | 0.21  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS         | 1.00        | 12353003  |             | QT2000.0    | 10/2/96     | 0000024575 | 9/30/96         |
| SC-07021-S | URANIUM-238            | ND     |      | 3.26  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00        | WSC3912   |             | WP0150.0    | 10/2/96     | 0000024575 | 9/30/96         |
| SC-07022-S | AROCLO-1248            | ND     |      | 39.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00        | 12353004  | U           | QT2000.0    | 10/4/96     | 0000024576 | 9/30/96         |
| SC-07022-S | AROCLO-1254            | ND     |      | 39.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00        | 12353004  | U           | QT2000.0    | 10/4/96     | 0000024576 | 9/30/96         |
| SC-07022-S | AROCLO-1260            | ND     |      | 39.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00        | 12353004  | U           | QT2000.0    | 10/4/96     | 0000024576 | 9/30/96         |
| SC-07022-S | ARSENIC                | 1.90   |      | 0.43  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS         | 1.00        | 12353004  | B           | QT2000.0    | 10/2/96     | 0000024576 | 9/30/96         |
| SC-07022-S | CHROMIUM               | 12.40  |      | 0.36  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS         | 1.00        | 12353004  |             | QT2000.0    | 10/2/96     | 0000024576 | 9/30/96         |
| SC-07022-S | LEAD                   | 8.00   |      | 0.19  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS         | 1.00        | 12353004  |             | QT2000.0    | 10/2/96     | 0000024576 | 9/30/96         |
| SC-07022-S | URANIUM-238            | ND     |      | 3.80  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00        | WSC3913   |             | WP0180.0    | 10/2/96     | 0000024576 | 9/30/96         |
| SC-07023-S | AROCLO-1248            | ND     |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00        | 12353005  | U           | QT2000.0    | 10/4/96     | 0000024577 | 9/30/96         |
| SC-07023-S | AROCLO-1254            | ND     |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00        | 12353005  | U           | QT2000.0    | 10/4/96     | 0000024577 | 9/30/96         |
| SC-07023-S | AROCLO-1260            | ND     |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00        | 12353005  | U           | QT2000.0    | 10/4/96     | 0000024577 | 9/30/96         |
| SC-07023-S | ARSENIC                | 3.20   |      | 0.44  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS         | 1.00        | 12353005  |             | QT2000.0    | 10/2/96     | 0000024577 | 9/30/96         |
| SC-07023-S | CHROMIUM               | 9.80   |      | 0.37  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS         | 1.00        | 12353005  |             | QT2000.0    | 10/2/96     | 0000024577 | 9/30/96         |
| SC-07023-S | LEAD                   | 13.70  |      | 0.20  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS         | 1.00        | 12353005  |             | QT2000.0    | 10/2/96     | 0000024577 | 9/30/96         |
| SC-07023-S | URANIUM-238            | ND     |      | 3.97  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00        | WSC3914   |             | WP0180.0    | 10/2/96     | 0000024577 | 9/30/96         |
| SC-07024-S | AROCLO-1248            | ND     |      | 39.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00        | 12148001  | U           | QT1488.0    | 9/17/96     | 0000024578 | 9/14/96         |
| SC-07024-S | AROCLO-1254            | ND     |      | 39.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00        | 12148001  | U           | QT1488.0    | 9/17/96     | 0000024578 | 9/14/96         |
| SC-07024-S | AROCLO-1260            | ND     |      | 39.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00        | 12148001  | U           | QT1488.0    | 9/17/96     | 0000024578 | 9/14/96         |
| SC-07024-S | ARSENIC                | 3.30   |      | 0.48  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS         | 1.00        | 12148001  |             | QT1488.0    | 9/18/96     | 0000024578 | 9/14/96         |
| SC-07024-S | CHROMIUM               | 16.50  |      | 0.65  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS         | 1.00        | 12148001  |             | QT1488.0    | 9/18/96     | 0000024578 | 9/14/96         |
| SC-07024-S | LEAD                   | 11.00  |      | 0.33  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS         | 1.00        | 12148001  |             | QT1488.0    | 9/18/96     | 0000024578 | 9/14/96         |
| SC-07024-S | THORIUM-230            | 1.30   | 0.14 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00        | WSC3747   |             | WP0143.0    | 9/17/96     | 0000024578 | 9/14/96         |
| SC-07024-S | URANIUM-238            | ND     |      | 4.21  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00        | WSC3747   |             | WP0143.0    | 9/17/96     | 0000024578 | 9/14/96         |
| SC-07025-S | AROCLO-1248            | ND     |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00        | 12148002  | U           | QT1488.0    | 9/17/96     | 0000024579 | 9/14/96         |
| SC-07025-S | AROCLO-1254            | ND     |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00        | 12148002  | U           | QT1488.0    | 9/17/96     | 0000024579 | 9/14/96         |
| SC-07025-S | AROCLO-1260            | ND     |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00        | 12148002  | U           | QT1488.0    | 9/17/96     | 0000024579 | 9/14/96         |
| SC-07025-S | ARSENIC                | 4.00   |      | 0.48  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS         | 1.00        | 12148002  |             | QT1488.0    | 9/18/96     | 0000024579 | 9/14/96         |
| SC-07025-S | CHROMIUM               | 16.50  |      | 0.68  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS         | 1.00        | 12148002  |             | QT1488.0    | 9/18/96     | 0000024579 | 9/14/96         |
| SC-07025-S | LEAD                   | 16.10  |      | 0.34  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS         | 1.00        | 12148002  |             | QT1488.0    | 9/18/96     | 0000024579 | 9/14/96         |
| SC-07025-S | THORIUM-230            | 1.04   | 0.11 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00        | WSC3748   |             | WP0143.0    | 9/17/96     | 0000024579 | 9/14/96         |
| SC-07025-S | URANIUM-238            | ND     |      | 3.29  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00        | WSC3748   |             | WP0143.0    | 9/17/96     | 0000024579 | 9/14/96         |
| SC-07025-S | URANIUM-238            | ND     |      | 3.18  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00        | WSC3915   |             | WP0160.0    | 10/2/96     | 0000024580 | 9/30/96         |
| SC-07027-S | URANIUM-238            | ND     |      | 3.11  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00        | WSC3185   |             | WP0122.0    | 8/20/96     | 0000024581 | 8/19/96         |
| SC-07028-S | URANIUM-238            | ND     |      | 4.05  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00        | WSC3186   |             | WP0122.0    | 8/20/96     | 0000024582 | 8/19/96         |
| SC-07029-S | URANIUM-238            | 13.80  | 2.14 | 4.89  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00        | WSC3187   |             | WP0122.0    | 8/20/96     | 0000024583 | 8/19/96         |
| SC-07030-S | URANIUM-238            | -1.18  | 0.48 | 2.07  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00        | WSC3188   |             | WP0122.0    | 8/20/96     | 0000024584 | 8/19/96         |
| SC-07031-S | BENZO(A)ANTHRACENE     | 59.00  |      | 5.10  | UG/KG | *           |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00        | 11862017  |             | QT1452.0    | 8/21/96     | 0000024585 | 8/19/96         |
| SC-07031-S | BENZO(A)PYRENE         | 44.00  |      | 9.00  | UG/KG | *           |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00        | 11862017  |             | QT1452.0    | 8/21/96     | 0000024585 | 8/19/96         |
| SC-07031-S | BENZO(B)FLUORANTHENE   | 59.00  |      | 7.00  | UG/KG | *           |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00        | 11862017  |             | QT1452.0    | 8/21/96     | 0000024585 | 8/19/96         |
| SC-07031-S | BENZO(K)FLUORANTHENE   | 24.00  |      | 6.60  | UG/KG | *           |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00        | 11862017  |             | QT1452.0    | 8/21/96     | 0000024585 | 8/19/96         |
| SC-07031-S | CHRYSENE               | 64.00  |      | 59.00 | UG/KG | *           |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00        | 11862017  |             | QT1452.0    | 8/21/96     | 0000024585 | 8/19/96         |
| SC-07031-S | INDENO(1,2,3-CD)PYRENE | 45.00  |      | 17.00 | UG/KG | *           |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00        | 11862017  |             | QT1452.0    | 8/21/96     | 0000024585 | 8/19/96         |
| SC-07031-S | URANIUM-238            | 11.80  | 1.75 | 3.43  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00        | WSC3189   |             | WP0122.0    | 8/22/96     | 0000024585 | 8/19/96         |
| SC-07032-S | BENZO(A)ANTHRACENE     | 220.00 |      | 5.00  | UG/KG | *           |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00        | 11862018  |             | QT1452.0    | 8/21/96     | 0000024586 | 8/19/96         |
| SC-07032-S | BENZO(A)PYRENE         | ND     |      | 8.90  | UG/KG | *           |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00        | 11862018  | U           | QT1452.0    | 8/21/96     | 0000024586 | 8/19/96         |
| SC-07032-S | BENZO(B)FLUORANTHENE   | 9.60   |      | 7.00  | UG/KG | *           |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00        | 11862018  |             | QT1452.0    | 8/21/96     | 0000024586 | 8/19/96         |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER              | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY       | OIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE AMA | SAMPLINK   | DATE SAMPLED |
|------------|------------------------|-------|------|-------|-------|-----|------|----------|-----------|--------|----------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-07032-S | BENZOKYFLUORANTHENE    | ND    |      | 6.80  | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11882018 | U        | QT1452.0 | 8/21/96  | 0000024586 | 8/19/96      |
| SC-07032-S | CHRYSENE               | ND    |      | 58.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11882018 | U        | QT1452.0 | 8/21/96  | 0000024586 | 8/19/96      |
| SC-07032-S | INDENO(1,2,3-CD)PYRENE | ND    |      | 17.00 | UG/KG | *   |      |          | EPA 8310  | SOIL   | SEMI-VOLATILES | 1.00     | 11882018 | U        | QT1452.0 | 8/21/96  | 0000024586 | 8/19/96      |
| SC-07032-S | URANIUM-238            | -2.46 | 1.02 | 3.07  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3190  |          | WP0122.0 | 8/20/96  | 0000024586 | 8/19/96      |
| SC-07033-S | RADIUM-226             | 1.46  | 0.11 | 0.31  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3191  |          | WP0122.0 | 8/24/96  | 0000024587 | 8/19/96      |
| SC-07033-S | RADIUM-226             | 1.20  | 0.13 | 0.47  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3191  |          | WP0122.0 | 8/24/96  | 0000024587 | 8/19/96      |
| SC-07033-S | URANIUM-238            | ND    |      | 3.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3191  |          | WP0122.0 | 8/20/96  | 0000024587 | 8/19/96      |
| SC-07034-S | RADIUM-226             | 1.54  | 0.14 | 0.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3192  |          | WP0122.0 | 9/24/96  | 0000024588 | 8/19/96      |
| SC-07034-S | RADIUM-226             | 1.27  | 0.21 | 0.62  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3192  |          | WP0122.0 | 9/24/96  | 0000024588 | 8/19/96      |
| SC-07034-S | URANIUM-238            | ND    |      | 4.05  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3192  |          | WP0122.0 | 9/24/96  | 0000024588 | 8/19/96      |
| SC-07101-S | URANIUM-238            | ND    |      | 4.21  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3916  |          | WP0151.0 | 11/11/96 | 0000024589 | 10/1/96      |
| SC-07102-S | URANIUM-238            | ND    |      | 3.10  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3917  |          | WP0151.0 | 11/11/96 | 0000024590 | 10/1/96      |
| SC-07103-S | URANIUM-238            | ND    |      | 4.01  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3918  |          | WP0151.0 | 11/11/96 | 0000024591 | 10/1/96      |
| SC-07104-S | AROCLO-1248            | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 12352001 | U        | QT2001.0 | 10/3/96  | 0000030417 | 10/1/96      |
| SC-07104-S | AROCLO-1254            | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 12352001 | U        | QT2001.0 | 10/3/96  | 0000030417 | 10/1/96      |
| SC-07104-S | AROCLO-1260            | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 12352001 | U        | QT2001.0 | 10/3/96  | 0000030417 | 10/1/96      |
| SC-07104-S | ARSENIC                | 6.20  |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 12352001 |          | QT2001.0 | 10/2/96  | 0000030417 | 10/1/96      |
| SC-07104-S | CHROMIUM               | 12.20 |      | 0.38  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 12352001 |          | QT2001.0 | 10/2/96  | 0000030417 | 10/1/96      |
| SC-07104-S | LEAD                   | 11.20 |      | 0.20  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 12352001 |          | QT2001.0 | 10/2/96  | 0000030417 | 10/1/96      |
| SC-07104-S | RADIUM-226             | 1.39  | 0.11 | 0.27  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3919  |          | WP0151.0 | 11/11/96 | 0000030417 | 10/1/96      |
| SC-07104-S | RADIUM-226             | 1.36  | 0.14 | 0.81  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3919  |          | WP0151.0 | 11/11/96 | 0000030417 | 10/1/96      |
| SC-07104-S | THALLIUM               | ND    |      | 0.89  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 12352001 | U        | QT2001.0 | 10/2/96  | 0000030417 | 10/1/96      |
| SC-07104-S | THORIUM-230            | 1.02  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3919  |          | WP0151.0 | 10/5/96  | 0000030417 | 10/1/96      |
| SC-07104-S | URANIUM-238            | ND    |      | 3.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3919  |          | WP0151.0 | 11/11/96 | 0000030417 | 10/1/96      |
| SC-07105-S | URANIUM-238            | -2.90 | 1.08 | 3.12  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3920  |          | WP0151.0 | 11/11/96 | 0000024593 | 10/1/96      |
| SC-07106-S | AROCLO-1248            | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 12352002 | U        | QT2001.0 | 10/3/96  | 0000024594 | 10/1/96      |
| SC-07106-S | AROCLO-1254            | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 12352002 | U        | QT2001.0 | 10/3/96  | 0000024594 | 10/1/96      |
| SC-07106-S | AROCLO-1260            | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 12352002 | U        | QT2001.0 | 10/3/96  | 0000024594 | 10/1/96      |
| SC-07106-S | ARSENIC                | 5.50  |      | 0.41  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 12352002 |          | QT2001.0 | 10/2/96  | 0000024594 | 10/1/96      |
| SC-07106-S | CHROMIUM               | 14.70 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 12352002 |          | QT2001.0 | 10/2/96  | 0000024594 | 10/1/96      |
| SC-07106-S | LEAD                   | 10.90 |      | 0.18  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 12352002 |          | QT2001.0 | 10/2/96  | 0000024594 | 10/1/96      |
| SC-07106-S | RADIUM-226             | 1.29  | 0.09 | 0.25  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3922  |          | WP0151.0 | 11/11/96 | 0000024594 | 10/1/96      |
| SC-07106-S | RADIUM-226             | 1.31  | 0.12 | 0.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3922  |          | WP0151.0 | 11/11/96 | 0000024594 | 10/1/96      |
| SC-07106-S | THALLIUM               | ND    |      | 0.80  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 12352002 | U        | QT2001.0 | 10/2/96  | 0000024594 | 10/1/96      |
| SC-07106-S | THORIUM-230            | 0.84  | 0.09 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3922  |          | WP0151.0 | 10/5/96  | 0000024594 | 10/1/96      |
| SC-07106-S | URANIUM-238            | ND    |      | 3.22  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3922  |          | WP0151.0 | 11/11/96 | 0000024594 | 10/1/96      |
| SC-07107-S | URANIUM-238            | 9.54  | 1.88 | 3.02  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3923  |          | WP0151.0 | 11/11/96 | 0000024595 | 10/1/96      |
| SC-07108-S | URANIUM-238            | ND    |      | 3.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3924  |          | WP0151.0 | 11/11/96 | 0000024596 | 10/1/96      |
| SC-07108-S | URANIUM-238            | -3.20 | 1.11 | 3.24  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3925  |          | WP0151.0 | 11/11/96 | 0000024597 | 10/1/96      |
| SC-07110-S | AROCLO-1248            | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 12352003 | U        | QT2001.0 | 10/3/96  | 0000030419 | 10/1/96      |
| SC-07110-S | AROCLO-1254            | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 12352003 | U        | QT2001.0 | 10/3/96  | 0000030419 | 10/1/96      |
| SC-07110-S | AROCLO-1260            | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS      | 1.00     | 12352003 | U        | QT2001.0 | 10/3/96  | 0000030419 | 10/1/96      |
| SC-07110-S | ARSENIC                | 15.20 |      | 0.43  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 12352003 |          | QT2001.0 | 10/2/96  | 0000030419 | 10/1/96      |
| SC-07110-S | CHROMIUM               | 19.00 |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 12352003 |          | QT2001.0 | 10/2/96  | 0000030419 | 10/1/96      |
| SC-07110-S | LEAD                   | 48.90 |      | 0.19  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 12352003 |          | QT2001.0 | 10/2/96  | 0000030419 | 10/1/96      |
| SC-07110-S | RADIUM-226             | 1.38  | 0.10 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3926  |          | WP0151.0 | 11/11/96 | 0000030419 | 10/1/96      |
| SC-07110-S | RADIUM-226             | 1.33  | 0.13 | 0.44  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL  | 1.00     | WSC3926  |          | WP0151.0 | 11/11/96 | 0000030419 | 10/1/96      |
| SC-07110-S | THALLIUM               | ND    |      | 0.83  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS         | 1.00     | 12352003 | U        | QT2001.0 | 10/2/96  | 0000030419 | 10/1/96      |

APPENDIX D TABLE D-1

| WSRAP ID   | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL<br>QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL<br>FACT | LAB<br>ID | LAB<br>QUAL | LAB<br>REQD | DATE<br>ANA | SAMPLINK   | DATE<br>SAMPLED |
|------------|-------------|-------|------|-------|-------|-------------|----------|-----------|--------|---------------|------------|-----------|-------------|-------------|-------------|------------|-----------------|
| SC-07110-S | THORIUM-230 | 1.07  | 0.12 | 0.72  | PC/KG | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3926   |             | WP0151.0    | 10/5/96     | 0000030419 | 10/1/96         |
| SC-07110-S | URANIUM-238 | ND    |      | 3.06  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3926   |             | WP0151.0    | 11/11/96    | 0000030419 | 10/1/96         |
| SC-07111-S | URANIUM-238 | ND    |      | 3.06  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3927   |             | WP0151.0    | 11/11/96    | 0000024599 | 10/1/96         |
| SC-07112-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12352004  | U           | QT2001.0    | 10/4/96     | 0000030420 | 10/1/96         |
| SC-07112-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12352004  | U           | QT2001.0    | 10/4/96     | 0000030420 | 10/1/96         |
| SC-07112-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12352004  | U           | QT2001.0    | 10/4/96     | 0000030420 | 10/1/96         |
| SC-07112-S | ARSENIC     | 8.50  |      | 0.45  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12352004  |             | QT2001.0    | 10/2/96     | 0000030420 | 10/1/96         |
| SC-07112-S | CHROMIUM    | 16.40 |      | 0.37  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12352004  |             | QT2001.0    | 10/2/96     | 0000030420 | 10/1/96         |
| SC-07112-S | LEAD        | 12.60 |      | 0.20  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12352004  |             | QT2001.0    | 10/2/96     | 0000030420 | 10/1/96         |
| SC-07112-S | RADIUM-226  | 1.27  | 0.10 | 0.29  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3928   |             | WP0151.0    | 11/11/96    | 0000030420 | 10/1/96         |
| SC-07112-S | RADIUM-228  | 1.35  | 0.13 | 0.45  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3928   |             | WP0151.0    | 11/11/96    | 0000030420 | 10/1/96         |
| SC-07112-S | THALLIUM    | ND    |      | 0.87  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12352004  | U           | QT2001.0    | 10/2/96     | 0000030420 | 10/1/96         |
| SC-07112-S | THORIUM-230 | 0.96  | 0.11 | 0.72  | PC/KG | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3928   |             | WP0151.0    | 10/7/96     | 0000030420 | 10/1/96         |
| SC-07112-S | URANIUM-238 | ND    |      | 3.17  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3928   |             | WP0151.0    | 11/11/96    | 0000030420 | 10/1/96         |
| SC-07113-S | AROCOR-1248 | ND    |      | 42.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12352005  | U           | QT2001.0    | 10/3/96     | 0000030421 | 10/1/96         |
| SC-07113-S | AROCOR-1254 | ND    |      | 42.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12352005  | U           | QT2001.0    | 10/3/96     | 0000030421 | 10/1/96         |
| SC-07113-S | AROCOR-1260 | ND    |      | 42.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12352005  | U           | QT2001.0    | 10/3/96     | 0000030421 | 10/1/96         |
| SC-07113-S | ARSENIC     | 6.40  |      | 0.45  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12352005  |             | QT2001.0    | 10/2/96     | 0000030421 | 10/1/96         |
| SC-07113-S | CHROMIUM    | 16.40 |      | 0.38  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12352005  |             | QT2001.0    | 10/2/96     | 0000030421 | 10/1/96         |
| SC-07113-S | LEAD        | 16.70 |      | 0.20  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12352005  |             | QT2001.0    | 10/2/96     | 0000030421 | 10/1/96         |
| SC-07113-S | RADIUM-226  | 1.19  | 0.13 | 0.39  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3929   |             | WP0151.0    | 11/11/96    | 0000030421 | 10/1/96         |
| SC-07113-S | RADIUM-228  | 1.38  | 0.18 | 0.32  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3929   |             | WP0151.0    | 11/11/96    | 0000030421 | 10/1/96         |
| SC-07113-S | THALLIUM    | ND    |      | 0.88  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12352005  | U           | QT2001.0    | 10/2/96     | 0000030421 | 10/1/96         |
| SC-07113-S | THORIUM-230 | 0.96  | 0.11 | 0.72  | PC/KG | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3929   |             | WP0151.0    | 10/5/96     | 0000030421 | 10/1/96         |
| SC-07113-S | URANIUM-238 | ND    |      | 4.06  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3929   |             | WP0151.0    | 11/11/96    | 0000030421 | 10/1/96         |
| SC-07114-S | AROCOR-1248 | ND    |      | 42.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12352006  | U           | QT2001.0    | 10/3/96     | 0000030422 | 10/1/96         |
| SC-07114-S | AROCOR-1254 | ND    |      | 42.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12352006  | U           | QT2001.0    | 10/3/96     | 0000030422 | 10/1/96         |
| SC-07114-S | AROCOR-1260 | ND    |      | 42.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12352006  | U           | QT2001.0    | 10/3/96     | 0000030422 | 10/1/96         |
| SC-07114-S | ARSENIC     | 7.40  |      | 0.45  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12352006  |             | QT2001.0    | 10/2/96     | 0000030422 | 10/1/96         |
| SC-07114-S | CHROMIUM    | 17.70 |      | 0.38  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12352006  |             | QT2001.0    | 10/2/96     | 0000030422 | 10/1/96         |
| SC-07114-S | LEAD        | 15.40 |      | 0.20  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12352006  |             | QT2001.0    | 10/2/96     | 0000030422 | 10/1/96         |
| SC-07114-S | RADIUM-226  | 1.34  | 0.10 | 0.29  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3930   |             | WP0151.0    | 11/11/96    | 0000030422 | 10/1/96         |
| SC-07114-S | RADIUM-228  | 1.29  | 0.13 | 0.45  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3930   |             | WP0151.0    | 11/11/96    | 0000030422 | 10/1/96         |
| SC-07114-S | THALLIUM    | ND    |      | 0.88  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12352006  | U           | QT2001.0    | 10/2/96     | 0000030422 | 10/1/96         |
| SC-07114-S | THORIUM-230 | 1.04  | 0.11 | 0.72  | PC/KG | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3930   |             | WP0151.0    | 10/5/96     | 0000030422 | 10/1/96         |
| SC-07114-S | URANIUM-238 | 3.54  | 0.73 | 2.24  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3930   |             | WP0151.0    | 11/11/96    | 0000030422 | 10/1/96         |
| SC-07115-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12352007  | U           | QT2001.0    | 10/3/96     | 0000030423 | 10/1/96         |
| SC-07115-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12352007  | U           | QT2001.0    | 10/3/96     | 0000030423 | 10/1/96         |
| SC-07115-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12352007  | U           | QT2001.0    | 10/3/96     | 0000030423 | 10/1/96         |
| SC-07115-S | ARSENIC     | 6.40  |      | 0.44  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12352007  |             | QT2001.0    | 10/2/96     | 0000030423 | 10/1/96         |
| SC-07115-S | CHROMIUM    | 12.50 |      | 0.37  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12352007  |             | QT2001.0    | 10/2/96     | 0000030423 | 10/1/96         |
| SC-07115-S | LEAD        | 12.80 |      | 0.20  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12352007  |             | QT2001.0    | 10/2/96     | 0000030423 | 10/1/96         |
| SC-07115-S | RADIUM-226  | 1.20  | 0.12 | 0.36  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3931   |             | WP0151.0    | 11/11/96    | 0000030423 | 10/1/96         |
| SC-07115-S | RADIUM-228  | 1.36  | 0.16 | 0.19  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3931   |             | WP0151.0    | 11/11/96    | 0000030423 | 10/1/96         |
| SC-07115-S | THALLIUM    | ND    |      | 0.86  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 12352007  | U           | QT2001.0    | 10/2/96     | 0000030423 | 10/1/96         |
| SC-07115-S | THORIUM-230 | 0.96  | 0.09 | 0.72  | PC/KG | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3931   |             | WP0151.0    | 10/5/96     | 0000030423 | 10/1/96         |
| SC-07115-S | URANIUM-238 | ND    |      | 4.46  | PC/KG | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3931   |             | WP0151.0    | 11/11/96    | 0000030423 | 10/1/96         |
| SC-07116-S | AROCOR-1248 | ND    |      | 44.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 12352008  | U           | QT2001.0    | 10/3/96     | 0000030424 | 10/1/96         |

**APPENDIX D TABLE D-1**

| WBSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|----------|----------|----------|------------|--------------|
| SC-07116-S | AROCOR-1254 | ND    |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352008 | U        | QT2001.0 | 10/3/96  | 0000030424 | 10/1/96      |
| SC-07116-S | AROCOR-1260 | ND    |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352008 | U        | QT2001.0 | 10/3/96  | 0000030424 | 10/1/96      |
| SC-07116-S | ARSENIC     | 7.90  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352008 |          | QT2001.0 | 10/2/96  | 0000030424 | 10/1/96      |
| SC-07116-S | CHROMIUM    | 16.50 |      | 0.40  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352008 |          | QT2001.0 | 10/2/96  | 0000030424 | 10/1/96      |
| SC-07116-S | LEAD        | 22.20 |      | 0.21  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352008 |          | QT2001.0 | 10/2/96  | 0000030424 | 10/1/96      |
| SC-07116-S | RADIUM-226  | 1.33  | 0.10 | 0.29  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3932  |          | WP0151.0 | 11/11/96 | 0000030424 | 10/1/96      |
| SC-07116-S | RADIUM-228  | 1.41  | 0.13 | 0.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3932  |          | WP0151.0 | 11/11/96 | 0000030424 | 10/1/96      |
| SC-07116-S | THALLIUM    | ND    |      | 0.94  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352008 | U        | QT2001.0 | 10/2/96  | 0000030424 | 10/1/96      |
| SC-07116-S | THORIUM-230 | 1.00  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3932  |          | WP0151.0 | 10/5/96  | 0000030424 | 10/1/96      |
| SC-07116-S | URANIUM-238 | ND    |      | 3.22  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3932  |          | WP0151.0 | 11/11/96 | 0000030424 | 10/1/96      |
| SC-07117-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352009 | U        | QT2001.0 | 10/4/96  | 0000030425 | 10/1/96      |
| SC-07117-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352009 | U        | QT2001.0 | 10/4/96  | 0000030425 | 10/1/96      |
| SC-07117-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352009 | U        | QT2001.0 | 10/4/96  | 0000030425 | 10/1/96      |
| SC-07117-S | ARSENIC     | 5.30  |      | 0.42  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352009 |          | QT2001.0 | 10/2/96  | 0000030425 | 10/1/96      |
| SC-07117-S | CHROMIUM    | 13.20 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352009 |          | QT2001.0 | 10/2/96  | 0000030425 | 10/1/96      |
| SC-07117-S | LEAD        | 10.10 |      | 0.19  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352009 |          | QT2001.0 | 10/2/96  | 0000030425 | 10/1/96      |
| SC-07117-S | RADIUM-226  | 1.60  | 0.13 | 0.26  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3933  |          | WP0151.0 | 11/11/96 | 0000030425 | 10/1/96      |
| SC-07117-S | RADIUM-228  | 1.22  | 0.10 | 0.46  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3933  |          | WP0151.0 | 11/11/96 | 0000030425 | 10/1/96      |
| SC-07117-S | THALLIUM    | ND    |      | 0.81  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352009 | U        | QT2001.0 | 10/2/96  | 0000030425 | 10/1/96      |
| SC-07117-S | THORIUM-230 | 0.98  | 0.10 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3933  |          | WP0151.0 | 10/5/96  | 0000030425 | 10/1/96      |
| SC-07117-S | URANIUM-238 | ND    |      | 4.45  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3933  |          | WP0151.0 | 11/11/96 | 0000030425 | 10/1/96      |
| SC-07118-S | AROCOR-1248 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352010 | U        | QT2001.0 | 10/3/96  | 0000030426 | 10/1/96      |
| SC-07118-S | AROCOR-1254 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352010 | U        | QT2001.0 | 10/3/96  | 0000030426 | 10/1/96      |
| SC-07118-S | AROCOR-1260 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352010 | U        | QT2001.0 | 10/3/96  | 0000030426 | 10/1/96      |
| SC-07118-S | ARSENIC     | 5.90  |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352010 |          | QT2001.0 | 10/2/96  | 0000030426 | 10/1/96      |
| SC-07118-S | CHROMIUM    | 14.20 |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352010 |          | QT2001.0 | 10/2/96  | 0000030426 | 10/1/96      |
| SC-07118-S | LEAD        | 13.60 |      | 0.20  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352010 |          | QT2001.0 | 10/2/96  | 0000030426 | 10/1/96      |
| SC-07118-S | RADIUM-226  | 1.53  | 0.11 | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3934  |          | WP0151.0 | 11/11/96 | 0000030426 | 10/1/96      |
| SC-07118-S | RADIUM-228  | 1.48  | 0.13 | 0.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3934  |          | WP0151.0 | 11/11/96 | 0000030426 | 10/1/96      |
| SC-07118-S | THALLIUM    | ND    |      | 0.88  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352010 | U        | QT2001.0 | 10/2/96  | 0000030426 | 10/1/96      |
| SC-07118-S | THORIUM-230 | 1.06  | 0.12 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3934  |          | WP0151.0 | 10/5/96  | 0000030426 | 10/1/96      |
| SC-07118-S | URANIUM-238 | 2.67  | 0.89 | 2.52  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3934  |          | WP0151.0 | 11/11/96 | 0000030426 | 10/1/96      |
| SC-07119-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352011 | U        | QT2001.0 | 10/3/96  | 0000030427 | 10/1/96      |
| SC-07119-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352011 | U        | QT2001.0 | 10/3/96  | 0000030427 | 10/1/96      |
| SC-07119-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352011 | U        | QT2001.0 | 10/3/96  | 0000030427 | 10/1/96      |
| SC-07119-S | ARSENIC     | 3.00  |      | 0.45  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352011 |          | QT2001.0 | 10/2/96  | 0000030427 | 10/1/96      |
| SC-07119-S | CHROMIUM    | 12.20 |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352011 |          | QT2001.0 | 10/2/96  | 0000030427 | 10/1/96      |
| SC-07119-S | LEAD        | 11.20 |      | 0.20  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352011 |          | QT2001.0 | 10/2/96  | 0000030427 | 10/1/96      |
| SC-07119-S | RADIUM-226  | 1.10  | 0.13 | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3935  |          | WP0151.0 | 11/11/96 | 0000030427 | 10/1/96      |
| SC-07119-S | RADIUM-228  | 1.48  | 0.18 | 0.59  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3935  |          | WP0151.0 | 11/11/96 | 0000030427 | 10/1/96      |
| SC-07119-S | THALLIUM    | ND    |      | 0.88  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352011 | U        | QT2001.0 | 10/2/96  | 0000030427 | 10/1/96      |
| SC-07119-S | THORIUM-230 | 0.73  | 0.07 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3935  |          | WP0151.0 | 10/5/96  | 0000030427 | 10/1/96      |
| SC-07119-S | URANIUM-238 | ND    |      | 3.06  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3935  |          | WP0151.0 | 11/11/96 | 0000030427 | 10/1/96      |
| SC-07120-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352012 | U        | QT2001.0 | 10/3/96  | 0000030428 | 10/1/96      |
| SC-07120-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352012 | U        | QT2001.0 | 10/3/96  | 0000030428 | 10/1/96      |
| SC-07120-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352012 | U        | QT2001.0 | 10/3/96  | 0000030428 | 10/1/96      |
| SC-07120-S | ARSENIC     | 3.00  |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352012 |          | QT2001.0 | 10/2/96  | 0000030428 | 10/1/96      |
| SC-07120-S | CHROMIUM    | 11.80 |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352012 |          | QT2001.0 | 10/2/96  | 0000030428 | 10/1/96      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB | LAB      | DATE     | SAMPLING   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|-----|----------|----------|------------|---------|
| SC-07120-S | LEAD        | 25.30 |      | 0.20  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352012 |     | QT2001.0 | 10/2/96  | 0000030428 | 10/1/96 |
| SC-07120-S | RADIUM-226  | 1.32  | 0.10 | 0.29  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3939  |     | WP0151.0 | 11/11/96 | 0000030428 | 10/1/96 |
| SC-07120-S | RADIUM-228  | 1.50  | 0.13 | 0.34  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3939  |     | WP0151.0 | 11/11/96 | 0000030428 | 10/1/96 |
| SC-07120-S | THALLIUM    | ND    |      | 0.66  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352012 | U   | QT2001.0 | 10/2/96  | 0000030428 | 10/1/96 |
| SC-07120-S | THORIUM-230 | 1.08  | 0.13 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3939  |     | WP0151.0 | 10/5/96  | 0000030428 | 10/1/96 |
| SC-07120-S | URANIUM-238 | ND    |      | 3.27  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3939  |     | WP0151.0 | 11/11/96 | 0000030428 | 10/1/96 |
| SC-07121-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352013 | U   | QT2001.0 | 10/3/96  | 0000030429 | 10/1/96 |
| SC-07121-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352013 | U   | QT2001.0 | 10/3/96  | 0000030429 | 10/1/96 |
| SC-07121-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352013 | U   | QT2001.0 | 10/3/96  | 0000030429 | 10/1/96 |
| SC-07121-S | ARSENIC     | 6.60  |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352013 |     | QT2001.0 | 10/2/96  | 0000030429 | 10/1/96 |
| SC-07121-S | CHROMIUM    | 9.70  |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352013 |     | QT2001.0 | 10/2/96  | 0000030429 | 10/1/96 |
| SC-07121-S | LEAD        | 10.50 |      | 0.20  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352013 |     | QT2001.0 | 10/2/96  | 0000030429 | 10/1/96 |
| SC-07121-S | RADIUM-226  | 1.16  | 0.09 | 0.24  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3937  |     | WP0151.0 | 11/11/96 | 0000030429 | 10/1/96 |
| SC-07121-S | RADIUM-228  | 1.24  | 0.13 | 0.39  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3937  |     | WP0151.0 | 11/11/96 | 0000030429 | 10/1/96 |
| SC-07121-S | THALLIUM    | ND    |      | 0.66  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352013 | U   | QT2001.0 | 10/2/96  | 0000030429 | 10/1/96 |
| SC-07121-S | THORIUM-230 | 0.95  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3937  |     | WP0151.0 | 10/5/96  | 0000030429 | 10/1/96 |
| SC-07121-S | URANIUM-238 | ND    |      | 3.06  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3937  |     | WP0151.0 | 11/11/96 | 0000030429 | 10/1/96 |
| SC-07122-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352014 | U   | QT2001.0 | 10/3/96  | 0000030430 | 10/1/96 |
| SC-07122-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352014 | U   | QT2001.0 | 10/3/96  | 0000030430 | 10/1/96 |
| SC-07122-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352014 | U   | QT2001.0 | 10/3/96  | 0000030430 | 10/1/96 |
| SC-07122-S | ARSENIC     | 6.20  |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352014 |     | QT2001.0 | 10/2/96  | 0000030430 | 10/1/96 |
| SC-07122-S | CHROMIUM    | 10.20 |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352014 |     | QT2001.0 | 10/2/96  | 0000030430 | 10/1/96 |
| SC-07122-S | LEAD        | 11.90 |      | 0.20  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352014 |     | QT2001.0 | 10/2/96  | 0000030430 | 10/1/96 |
| SC-07122-S | RADIUM-226  | 1.25  | 0.10 | 0.27  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3938  |     | WP0151.0 | 11/11/96 | 0000030430 | 10/1/96 |
| SC-07122-S | RADIUM-228  | 1.36  | 0.13 | 0.42  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3938  |     | WP0151.0 | 11/11/96 | 0000030430 | 10/1/96 |
| SC-07122-S | THALLIUM    | ND    |      | 0.66  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352014 | U   | QT2001.0 | 10/2/96  | 0000030430 | 10/1/96 |
| SC-07122-S | THORIUM-230 | 0.75  | 0.07 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3938  |     | WP0151.0 | 10/4/96  | 0000030430 | 10/1/96 |
| SC-07122-S | URANIUM-238 | ND    |      | 3.24  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3938  |     | WP0151.0 | 11/11/96 | 0000030430 | 10/1/96 |
| SC-07123-S | AROCOR-1248 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352015 | U   | QT2001.0 | 10/3/96  | 0000030431 | 10/1/96 |
| SC-07123-S | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352015 | U   | QT2001.0 | 10/3/96  | 0000030431 | 10/1/96 |
| SC-07123-S | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352015 | U   | QT2001.0 | 10/3/96  | 0000030431 | 10/1/96 |
| SC-07123-S | ARSENIC     | 6.60  |      | 0.40  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352015 |     | QT2001.0 | 10/2/96  | 0000030431 | 10/1/96 |
| SC-07123-S | CHROMIUM    | 12.00 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352015 |     | QT2001.0 | 10/2/96  | 0000030431 | 10/1/96 |
| SC-07123-S | LEAD        | 9.50  |      | 0.16  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352015 |     | QT2001.0 | 10/2/96  | 0000030431 | 10/1/96 |
| SC-07123-S | RADIUM-226  | 1.19  | 0.11 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3939  |     | WP0151.0 | 11/11/96 | 0000030431 | 10/1/96 |
| SC-07123-S | RADIUM-228  | 1.40  | 0.19 | 0.58  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3939  |     | WP0151.0 | 11/11/96 | 0000030431 | 10/1/96 |
| SC-07123-S | THALLIUM    | ND    |      | 0.78  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352015 | U   | QT2001.0 | 10/2/96  | 0000030431 | 10/1/96 |
| SC-07123-S | THORIUM-230 | 1.01  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3939  |     | WP0151.0 | 10/4/96  | 0000030431 | 10/1/96 |
| SC-07123-S | URANIUM-238 | ND    |      | 3.89  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3939  |     | WP0151.0 | 11/11/96 | 0000030431 | 10/1/96 |
| SC-07124-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352016 | U   | QT2001.0 | 10/4/96  | 0000030432 | 10/1/96 |
| SC-07124-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352016 | U   | QT2001.0 | 10/4/96  | 0000030432 | 10/1/96 |
| SC-07124-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12352016 | U   | QT2001.0 | 10/4/96  | 0000030432 | 10/1/96 |
| SC-07124-S | ARSENIC     | 8.80  |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352016 |     | QT2001.0 | 10/2/96  | 0000030432 | 10/1/96 |
| SC-07124-S | CHROMIUM    | 19.30 |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352016 |     | QT2001.0 | 10/2/96  | 0000030432 | 10/1/96 |
| SC-07124-S | LEAD        | 23.30 |      | 0.20  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352016 |     | QT2001.0 | 10/2/96  | 0000030432 | 10/1/96 |
| SC-07124-S | RADIUM-226  | 1.45  | 0.14 | 0.37  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3940  |     | WP0152.0 | 11/11/96 | 0000030432 | 10/1/96 |
| SC-07124-S | RADIUM-228  | 1.21  | 0.17 | 0.61  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3940  |     | WP0152.0 | 11/11/96 | 0000030432 | 10/1/96 |
| SC-07124-S | THALLIUM    | ND    |      | 0.85  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12352016 | U   | QT2001.0 | 10/2/96  | 0000030432 | 10/1/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB | LAB      | DATE     | SAMPLINK   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|-----|----------|----------|------------|---------|
| SC-07124-S | THORIUM-230 | 1.18  | 0.13 | 0.72  | PC/G  | *   |      |          | ENL TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3940  |     | WP0152.0 | 10/4/96  | 0000030432 | 10/1/96 |
| SC-07124-S | URANIUM-238 | 8.24  | 1.70 | 3.67  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3940  |     | WP0152.0 | 11/11/96 | 0000030432 | 10/1/96 |
| SC-07125-S | URANIUM-238 | ND    |      | 3.98  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3484  |     | WP0134.0 | 9/3/96   | 0000024613 | 8/28/96 |
| SC-07126-S | URANIUM-238 | ND    |      | 2.98  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3485  |     | WP0134.0 | 9/3/96   | 0000024614 | 8/28/96 |
| SC-07127-S | URANIUM-238 | ND    |      | 2.88  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3486  |     | WP0134.0 | 9/3/96   | 0000024615 | 8/28/96 |
| SC-07128-S | AROCOR-1248 | ND    |      | 45.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11958014 | U   | QT1467.0 | 8/30/96  | 0000024616 | 8/28/96 |
| SC-07128-S | AROCOR-1254 | ND    |      | 46.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11958014 | U   | QT1467.0 | 8/30/96  | 0000024616 | 8/28/96 |
| SC-07128-S | AROCOR-1260 | ND    |      | 46.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11958014 | U   | QT1467.0 | 8/30/96  | 0000024616 | 8/28/96 |
| SC-07128-S | ARSENIC     | 13.00 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958014 |     | QT1467.0 | 8/30/96  | 0000024616 | 8/28/96 |
| SC-07128-S | CHROMIUM    | 22.70 |      | 0.63  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958014 |     | QT1467.0 | 8/30/96  | 0000024616 | 8/28/96 |
| SC-07128-S | LEAD        | 17.10 |      | 0.38  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958014 |     | QT1467.0 | 8/30/96  | 0000024616 | 8/28/96 |
| SC-07128-S | RADIUM-226  | 1.45  | 0.10 | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3440  |     | WP0132.0 | 9/30/96  | 0000024616 | 8/28/96 |
| SC-07128-S | RADIUM-228  | 1.37  | 0.13 | 0.47  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3440  |     | WP0132.0 | 9/30/96  | 0000024616 | 8/28/96 |
| SC-07128-S | THALLIUM    | ND    |      | 0.88  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958014 | U   | QT1467.0 | 8/30/96  | 0000024616 | 8/28/96 |
| SC-07128-S | THORIUM-230 | 3.08  | 0.36 | 0.72  | PC/G  | *   |      |          | ENL TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3440  |     | WP0132.0 | 9/30/96  | 0000024616 | 8/28/96 |
| SC-07128-S | URANIUM-238 | ND    |      | 3.19  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3440  |     | WP0132.0 | 9/30/96  | 0000024616 | 8/28/96 |
| SC-07129-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11958015 | U   | QT1467.0 | 8/30/96  | 0000024617 | 8/28/96 |
| SC-07129-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11958015 | U   | QT1467.0 | 8/30/96  | 0000024617 | 8/28/96 |
| SC-07129-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11958015 | U   | QT1467.0 | 8/30/96  | 0000024617 | 8/28/96 |
| SC-07129-S | ARSENIC     | 4.30  |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958015 |     | QT1467.0 | 8/30/96  | 0000024617 | 8/28/96 |
| SC-07129-S | CHROMIUM    | 17.10 |      | 0.57  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958015 |     | QT1467.0 | 8/30/96  | 0000024617 | 8/28/96 |
| SC-07129-S | LEAD        | 10.80 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958015 |     | QT1467.0 | 8/30/96  | 0000024617 | 8/28/96 |
| SC-07129-S | RADIUM-226  | 1.31  | 0.13 | 0.34  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3441  |     | WP0132.0 | 9/30/96  | 0000024617 | 8/28/96 |
| SC-07129-S | RADIUM-228  | 1.35  | 0.19 | 0.52  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3441  |     | WP0132.0 | 9/30/96  | 0000024617 | 8/28/96 |
| SC-07129-S | THALLIUM    | ND    |      | 0.79  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958015 | U   | QT1467.0 | 8/30/96  | 0000024617 | 8/28/96 |
| SC-07129-S | THORIUM-230 | 1.22  | 0.14 | 0.72  | PC/G  | *   |      |          | ENL TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3441  |     | WP0132.0 | 9/30/96  | 0000024617 | 8/28/96 |
| SC-07129-S | URANIUM-238 | ND    |      | 3.77  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3441  |     | WP0132.0 | 9/30/96  | 0000024617 | 8/28/96 |
| SC-07130-S | AROCOR-1248 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11958016 | U   | QT1467.0 | 8/30/96  | 0000024618 | 8/28/96 |
| SC-07130-S | AROCOR-1254 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11958016 | U   | QT1467.0 | 8/30/96  | 0000024618 | 8/28/96 |
| SC-07130-S | AROCOR-1260 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11958016 | U   | QT1467.0 | 8/30/96  | 0000024618 | 8/28/96 |
| SC-07130-S | ARSENIC     | 13.40 |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958016 |     | QT1467.0 | 8/30/96  | 0000024618 | 8/28/96 |
| SC-07130-S | CHROMIUM    | 14.20 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958016 |     | QT1467.0 | 8/30/96  | 0000024618 | 8/28/96 |
| SC-07130-S | LEAD        | 13.80 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958016 |     | QT1467.0 | 8/30/96  | 0000024618 | 8/28/96 |
| SC-07130-S | RADIUM-226  | 1.39  | 0.10 | 0.31  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3442  |     | WP0132.0 | 9/30/96  | 0000024618 | 8/28/96 |
| SC-07130-S | RADIUM-228  | 1.42  | 0.14 | 0.43  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3442  |     | WP0132.0 | 9/30/96  | 0000024618 | 8/28/96 |
| SC-07130-S | THALLIUM    | 1.00  |      | 0.81  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958016 | B   | QT1467.0 | 8/30/96  | 0000024618 | 8/28/96 |
| SC-07130-S | THORIUM-230 | 1.12  | 0.15 | 0.72  | PC/G  | *   |      |          | ENL TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3442  |     | WP0132.0 | 9/31/96  | 0000024618 | 8/28/96 |
| SC-07130-S | URANIUM-238 | ND    |      | 3.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3442  |     | WP0132.0 | 9/30/96  | 0000024618 | 8/28/96 |
| SC-07202-S | URANIUM-238 | ND    |      | 4.31  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3988  |     | WP0154.0 | 10/5/96  | 0000024620 | 10/2/96 |
| SC-07203-S | URANIUM-238 | ND    |      | 3.15  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3989  |     | WP0154.0 | 10/5/96  | 0000024620 | 10/2/96 |
| SC-07206-S | URANIUM-238 | 5.91  | 1.49 | 4.74  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3990  |     | WP0154.0 | 10/5/96  | 0000024621 | 10/2/96 |
| SC-07208-S | URANIUM-238 | ND    |      | 3.56  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3991  |     | WP0154.0 | 10/5/96  | 0000024622 | 10/2/96 |
| SC-07207-S | URANIUM-238 | ND    |      | 4.15  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3992  |     | WP0154.0 | 10/5/96  | 0000024623 | 10/2/96 |
| SC-07208-S | URANIUM-238 | ND    |      | 3.27  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3993  |     | WP0154.0 | 10/5/96  | 0000024624 | 10/2/96 |
| SC-07210-S | URANIUM-238 | ND    |      | 4.23  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3994  |     | WP0154.0 | 10/5/96  | 0000024625 | 10/2/96 |
| SC-07211-S | URANIUM-238 | ND    |      | 3.12  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3995  |     | WP0154.0 | 10/5/96  | 0000024626 | 10/2/96 |
| SC-07212-S | URANIUM-238 | ND    |      | 4.14  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3996  |     | WP0154.0 | 10/5/96  | 0000024627 | 10/2/96 |
| SC-07213-S | URANIUM-238 | 8.47  | 1.27 | 2.52  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3997  |     | WP0154.0 | 10/5/96  | 0000024628 | 10/2/96 |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-07215-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12364001 | U        | QT2003.0 | 10/7/96  | 0000024829 | 10/2/96      |
| SC-07215-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12364001 | U        | QT2003.0 | 10/7/96  | 0000024829 | 10/2/96      |
| SC-07215-S | AROCOR-1280 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12364001 | U        | QT2003.0 | 10/7/96  | 0000024829 | 10/2/96      |
| SC-07215-S | CHROMIUM    | 16.30 |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12364001 |          | QT2003.0 | 10/4/96  | 0000024829 | 10/2/96      |
| SC-07215-S | LEAD        | 15.00 |      | 0.20  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12364001 |          | QT2003.0 | 10/4/96  | 0000024829 | 10/2/96      |
| SC-07215-S | RADIUM-226  | 1.43  | 0.11 | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3998  |          | WP0154.0 | 11/11/96 | 0000024829 | 10/2/96      |
| SC-07215-S | RADIUM-228  | 1.43  | 0.14 | 0.39  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3998  |          | WP0154.0 | 11/11/96 | 0000024829 | 10/2/96      |
| SC-07215-S | THORIUM-230 | 0.68  | 0.09 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3998  |          | WP0154.0 | 10/8/96  | 0000024829 | 10/2/96      |
| SC-07215-S | URANIUM-238 | ND    |      | 3.17  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3998  |          | WP0154.0 | 11/11/96 | 0000024829 | 10/2/96      |
| SC-07216-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12364002 | U        | QT2003.0 | 10/7/96  | 0000030470 | 10/2/96      |
| SC-07216-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12364002 | U        | QT2003.0 | 10/7/96  | 0000030470 | 10/2/96      |
| SC-07216-S | AROCOR-1280 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12364002 | U        | QT2003.0 | 10/7/96  | 0000030470 | 10/2/96      |
| SC-07216-S | CHROMIUM    | 14.20 |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12364002 |          | QT2003.0 | 10/4/96  | 0000030470 | 10/2/96      |
| SC-07216-S | LEAD        | 15.90 |      | 0.20  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12364002 |          | QT2003.0 | 10/4/96  | 0000030470 | 10/2/96      |
| SC-07216-S | RADIUM-226  | 1.29  | 0.09 | 0.25  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3999  |          | WP0154.0 | 11/11/96 | 0000030470 | 10/2/96      |
| SC-07216-S | RADIUM-228  | 1.20  | 0.13 | 0.47  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3999  |          | WP0154.0 | 11/11/96 | 0000030470 | 10/2/96      |
| SC-07216-S | THORIUM-230 | 1.04  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3999  |          | WP0154.0 | 10/8/96  | 0000030470 | 10/2/96      |
| SC-07216-S | URANIUM-238 | 2.37  | 0.59 | 2.02  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3999  |          | WP0154.0 | 11/11/96 | 0000030470 | 10/2/96      |
| SC-07217-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12364003 | U        | QT2003.0 | 10/7/96  | 0000030471 | 10/2/96      |
| SC-07217-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12364003 | U        | QT2003.0 | 10/7/96  | 0000030471 | 10/2/96      |
| SC-07217-S | AROCOR-1280 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12364003 | U        | QT2003.0 | 10/7/96  | 0000030471 | 10/2/96      |
| SC-07217-S | CHROMIUM    | 11.60 |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12364003 |          | QT2003.0 | 10/4/96  | 0000030471 | 10/2/96      |
| SC-07217-S | LEAD        | 14.50 |      | 0.20  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12364003 |          | QT2003.0 | 10/4/96  | 0000030471 | 10/2/96      |
| SC-07217-S | RADIUM-226  | 1.10  | 0.11 | 0.15  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4000  |          | WP0154.0 | 11/11/96 | 0000030471 | 10/2/96      |
| SC-07217-S | RADIUM-228  | 1.38  | 0.19 | 0.45  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4000  |          | WP0154.0 | 11/11/96 | 0000030471 | 10/2/96      |
| SC-07217-S | THORIUM-230 | 0.97  | 0.10 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC4000  |          | WP0154.0 | 10/8/96  | 0000030471 | 10/2/96      |
| SC-07217-S | URANIUM-238 | ND    |      | 4.15  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4000  |          | WP0154.0 | 11/11/96 | 0000030471 | 10/2/96      |
| SC-07218-S | AROCOR-1248 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12364004 | U        | QT2003.0 | 10/7/96  | 0000030472 | 10/2/96      |
| SC-07218-S | AROCOR-1254 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12364004 | U        | QT2003.0 | 10/7/96  | 0000030472 | 10/2/96      |
| SC-07218-S | AROCOR-1280 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12364004 | U        | QT2003.0 | 10/7/96  | 0000030472 | 10/2/96      |
| SC-07218-S | CHROMIUM    | 19.80 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12364004 |          | QT2003.0 | 10/4/96  | 0000030472 | 10/2/96      |
| SC-07218-S | LEAD        | 18.80 |      | 0.20  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12364004 |          | QT2003.0 | 10/4/96  | 0000030472 | 10/2/96      |
| SC-07218-S | RADIUM-226  | 1.24  | 0.12 | 0.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4001  |          | WP0154.0 | 11/11/96 | 0000030472 | 10/2/96      |
| SC-07218-S | RADIUM-228  | ND    |      | 1.31  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4001  |          | WP0154.0 | 11/11/96 | 0000030472 | 10/2/96      |
| SC-07218-S | THORIUM-230 | 0.88  | 0.09 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC4001  |          | WP0154.0 | 10/8/96  | 0000030472 | 10/2/96      |
| SC-07218-S | URANIUM-238 | ND    |      | 3.98  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4001  |          | WP0154.0 | 11/11/96 | 0000030472 | 10/2/96      |
| SC-07220-S | URANIUM-238 | ND    |      | 3.62  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4002  |          | WP0154.0 | 10/8/96  | 0000024834 | 10/2/96      |
| SC-07221-C | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12364005 | U        | QT2003.0 | 10/7/96  | 0000024835 | 10/2/96      |
| SC-07221-C | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12364005 | U        | QT2003.0 | 10/7/96  | 0000024835 | 10/2/96      |
| SC-07221-C | AROCOR-1280 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12364005 | U        | QT2003.0 | 10/7/96  | 0000024835 | 10/2/96      |
| SC-07221-C | ARSENIC     | 6.50  |      | 0.41  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12364005 |          | QT2003.0 | 10/4/96  | 0000024835 | 10/2/96      |
| SC-07221-C | CHROMIUM    | 15.40 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12364005 |          | QT2003.0 | 10/4/96  | 0000024835 | 10/2/96      |
| SC-07221-C | LEAD        | 11.70 |      | 0.18  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 12364005 |          | QT2003.0 | 10/4/96  | 0000024835 | 10/2/96      |
| SC-07221-C | RADIUM-226  | 1.10  | 0.09 | 0.31  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4003  |          | WP0154.0 | 11/11/96 | 0000024835 | 10/2/96      |
| SC-07221-C | RADIUM-228  | 1.58  | 0.14 | 0.38  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4003  |          | WP0154.0 | 11/11/96 | 0000024835 | 10/2/96      |
| SC-07221-C | THORIUM-230 | 0.97  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC4003  |          | WP0154.0 | 10/8/96  | 0000024835 | 10/2/96      |
| SC-07221-C | URANIUM-238 | ND    |      | 3.09  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC4003  |          | WP0154.0 | 11/11/96 | 0000024835 | 10/2/96      |
| SC-07221-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 12364007 | U        | QT2003.0 | 10/7/96  | 0000024836 | 10/2/96      |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER    | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|--------------|--------|------|-------|-------|-----|------|----------|-----------|--------|---------------|---------|----------|----------|----------|----------|------------|--------------|
| SC-07221-S | AROCLOL-1254 | ND     |      | 30.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12384007 | U        | QT2003.0 | 10/7/96  | 0000024638 | 10/2/96      |
| SC-07221-S | AROCLOL-1260 | ND     |      | 30.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12384007 | U        | QT2003.0 | 10/7/96  | 0000024638 | 10/2/96      |
| SC-07221-S | ARSENIC      | 6.00   |      | 0.43  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12384007 |          | QT2003.0 | 10/4/96  | 0000024638 | 10/2/96      |
| SC-07221-S | CHROMIUM     | 13.90  |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12384007 |          | QT2003.0 | 10/4/96  | 0000024638 | 10/2/96      |
| SC-07221-S | LEAD         | 18.30  |      | 0.19  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12384007 |          | QT2003.0 | 10/4/96  | 0000024638 | 10/2/96      |
| SC-07221-S | RADIUM-226   | 1.07   | 0.11 | 0.24  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC4005  |          | WP0154.0 | 11/12/96 | 0000024638 | 10/2/96      |
| SC-07221-S | RADIUM-228   | 1.40   | 0.22 | 0.65  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC4005  |          | WP0154.0 | 11/12/96 | 0000024638 | 10/2/96      |
| SC-07221-S | THORIUM-230  | 1.28   | 0.13 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC4005  |          | WP0154.0 | 10/8/96  | 0000024638 | 10/2/96      |
| SC-07221-S | URANIUM-238  | ND     |      | 4.15  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC4005  |          | WP0154.0 | 11/12/96 | 0000024638 | 10/2/96      |
| SC-07222-S | AROCLOL-1248 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12384008 | U        | QT2003.0 | 10/7/96  | 0000024638 | 10/2/96      |
| SC-07222-S | AROCLOL-1254 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12384008 | U        | QT2003.0 | 10/7/96  | 0000024638 | 10/2/96      |
| SC-07222-S | AROCLOL-1260 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12384008 | U        | QT2003.0 | 10/7/96  | 0000024638 | 10/2/96      |
| SC-07222-S | ARSENIC      | 8.10   |      | 0.43  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12384008 |          | QT2003.0 | 10/4/96  | 0000024638 | 10/2/96      |
| SC-07222-S | CHROMIUM     | 17.00  |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12384008 |          | QT2003.0 | 10/4/96  | 0000024638 | 10/2/96      |
| SC-07222-S | LEAD         | 18.20  |      | 0.19  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12384008 |          | QT2003.0 | 10/4/96  | 0000024638 | 10/2/96      |
| SC-07222-S | RADIUM-226   | 1.38   | 0.13 | 0.40  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC4005  |          | WP0154.0 | 11/15/96 | 0000024638 | 10/2/96      |
| SC-07222-S | RADIUM-228   | 1.31   | 0.17 | 0.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC4005  |          | WP0154.0 | 11/15/96 | 0000024638 | 10/2/96      |
| SC-07222-S | THORIUM-230  | 2.00   | 0.20 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC4005  |          | WP0154.0 | 10/8/96  | 0000024638 | 10/2/96      |
| SC-07222-S | URANIUM-238  | 8.17   | 1.44 | 3.40  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC4005  |          | WP0154.0 | 11/16/96 | 0000024638 | 10/2/96      |
| SC-07223-S | URANIUM-238  | ND     |      | 3.06  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC4007  |          | WP0154.0 | 10/4/96  | 0000024637 | 10/2/96      |
| SC-07225-S | AROCLOL-1248 | ND     |      | 30.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11978001 | U        | QT1472.0 | 9/2/96   | 0000024639 | 8/30/96      |
| SC-07225-S | AROCLOL-1254 | ND     |      | 30.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11978001 | U        | QT1472.0 | 9/2/96   | 0000024639 | 8/30/96      |
| SC-07225-S | AROCLOL-1260 | ND     |      | 30.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11978001 | U        | QT1472.0 | 9/2/96   | 0000024639 | 8/30/96      |
| SC-07225-S | ARSENIC      | 5.90   |      | 0.47  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11978001 |          | QT1472.0 | 8/31/96  | 0000024639 | 8/30/96      |
| SC-07225-S | CHROMIUM     | 17.30  |      | 0.34  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11978001 |          | QT1472.0 | 8/31/96  | 0000024639 | 8/30/96      |
| SC-07225-S | LEAD         | 14.30  |      | 0.33  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11978001 |          | QT1472.0 | 8/31/96  | 0000024639 | 8/30/96      |
| SC-07225-S | RADIUM-226   | 1.02   | 0.11 | 0.37  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3518  |          | WP0136.0 | 10/22/96 | 0000024639 | 8/30/96      |
| SC-07225-S | RADIUM-228   | 1.32   | 0.16 | 0.55  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3518  |          | WP0136.0 | 10/22/96 | 0000024639 | 8/30/96      |
| SC-07225-S | THORIUM-230  | 0.85   | 0.16 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00    | L7835-1  |          | LK0480.0 | 8/4/96   | 0000024639 | 8/30/96      |
| SC-07225-S | URANIUM-238  | ND     |      | 3.82  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3518  |          | WP0136.0 | 10/22/96 | 0000024639 | 8/30/96      |
| SC-07226-S | AROCLOL-1248 | ND     |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11978002 | U        | QT1472.0 | 8/2/96   | 0000024640 | 8/30/96      |
| SC-07226-S | AROCLOL-1254 | ND     |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11978002 | U        | QT1472.0 | 8/2/96   | 0000024640 | 8/30/96      |
| SC-07226-S | AROCLOL-1260 | ND     |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11978002 | U        | QT1472.0 | 8/2/96   | 0000024640 | 8/30/96      |
| SC-07226-S | ARSENIC      | 3.80   |      | 0.46  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11978002 |          | QT1472.0 | 8/31/96  | 0000024640 | 8/30/96      |
| SC-07226-S | CHROMIUM     | 10.40  |      | 0.56  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11978002 |          | QT1472.0 | 8/31/96  | 0000024640 | 8/30/96      |
| SC-07226-S | LEAD         | 7.30   |      | 0.34  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11978002 |          | QT1472.0 | 8/31/96  | 0000024640 | 8/30/96      |
| SC-07226-S | RADIUM-226   | 1.05   | 0.09 | 0.32  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3518  |          | WP0136.0 | 10/22/96 | 0000024640 | 8/30/96      |
| SC-07226-S | RADIUM-228   | 1.42   | 0.14 | 0.37  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3518  |          | WP0136.0 | 10/22/96 | 0000024640 | 8/30/96      |
| SC-07226-S | THORIUM-230  | 0.74   | 0.14 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00    | L7835-2  |          | LK0480.0 | 8/4/96   | 0000024640 | 8/30/96      |
| SC-07226-S | URANIUM-238  | ND     |      | 3.10  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3518  |          | WP0136.0 | 10/22/96 | 0000024640 | 8/30/96      |
| SC-07227-S | AROCLOL-1248 | ND     |      | 30.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11978003 | U        | QT1472.0 | 8/2/96   | 0000024641 | 8/30/96      |
| SC-07227-S | AROCLOL-1254 | ND     |      | 30.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11978003 | U        | QT1472.0 | 8/2/96   | 0000024641 | 8/30/96      |
| SC-07227-S | AROCLOL-1260 | 400.00 |      | 30.00 | UG/KG | A   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11978003 |          | QT1472.0 | 9/2/96   | 0000024641 | 8/30/96      |
| SC-07227-S | ARSENIC      | 7.10   |      | 0.46  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11978003 |          | QT1472.0 | 8/31/96  | 0000024641 | 8/30/96      |
| SC-07227-S | CHROMIUM     | 10.30  |      | 0.56  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11978003 |          | QT1472.0 | 8/31/96  | 0000024641 | 8/30/96      |
| SC-07227-S | LEAD         | 14.80  |      | 0.33  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11978003 |          | QT1472.0 | 8/31/96  | 0000024641 | 8/30/96      |
| SC-07227-S | RADIUM-226   | 0.99   | 0.08 | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3520  |          | WP0136.0 | 10/22/96 | 0000024641 | 8/30/96      |
| SC-07227-S | RADIUM-228   | 1.14   | 0.12 | 0.35  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3520  |          | WP0136.0 | 10/22/96 | 0000024641 | 8/30/96      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL FACT | LAB ID   | LAB QUAL | LAB REQ  | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|-------------|--------|------|-------|-------|-----|------|----------|-----------|--------|---------------|---------|----------|----------|----------|----------|------------|--------------|
| SC-07227-S | THORIUM-230 | 1.07   | 0.18 | 0.04  | PC/KG | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00    | L7835-3  |          | LK0480.0 | 9/4/98   | 0000024841 | 8/30/98      |
| SC-07227-S | URANIUM-238 | 5.74   | 1.18 | 3.82  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3520  |          | WP0138.0 | 10/22/98 | 0000024841 | 8/30/98      |
| SC-07228-C | AROCLO-1248 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12384009 | U        | QT2003.0 | 10/7/98  | 0000024843 | 10/2/98      |
| SC-07228-C | AROCLO-1254 | 140.00 |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12384009 |          | QT2003.0 | 10/7/98  | 0000024843 | 10/2/98      |
| SC-07228-C | AROCLO-1260 | 83.00  |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12384009 |          | QT2003.0 | 10/7/98  | 0000024843 | 10/2/98      |
| SC-07228-C | ARSENIC     | 5.90   |      | 0.41  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12384009 |          | QT2003.0 | 10/4/98  | 0000024843 | 10/2/98      |
| SC-07228-C | CHROMIUM    | 14.70  |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12384009 |          | QT2003.0 | 10/4/98  | 0000024843 | 10/2/98      |
| SC-07228-C | LEAD        | 19.20  |      | 0.18  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12384009 |          | QT2003.0 | 10/4/98  | 0000024843 | 10/2/98      |
| SC-07228-C | RADIUM-226  | 1.28   | 0.10 | 0.32  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC4008  |          | WP0154.0 | 11/15/98 | 0000024843 | 10/2/98      |
| SC-07228-C | RADIUM-228  | 1.20   | 0.13 | 0.52  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC4008  |          | WP0154.0 | 11/15/98 | 0000024843 | 10/2/98      |
| SC-07228-C | THORIUM-230 | 1.25   | 0.13 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC4008  |          | WP0154.0 | 10/7/98  | 0000024843 | 10/2/98      |
| SC-07228-C | URANIUM-238 | 10.00  | 1.54 | 4.11  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC4008  |          | WP0154.0 | 11/15/98 | 0000024843 | 10/2/98      |
| SC-07228-S | AROCLO-1248 | ND     |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11078004 | U        | QT1472.0 | 9/2/98   | 0000024842 | 8/30/98      |
| SC-07228-S | AROCLO-1254 | ND     |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11078004 | U        | QT1472.0 | 9/2/98   | 0000024842 | 8/30/98      |
| SC-07228-S | AROCLO-1260 | ND     |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11078004 | U        | QT1472.0 | 9/2/98   | 0000024842 | 8/30/98      |
| SC-07228-S | ARSENIC     | 11.80  |      | 0.48  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11078004 |          | QT1472.0 | 8/31/98  | 0000024842 | 8/30/98      |
| SC-07228-S | CHROMIUM    | 30.70  |      | 0.66  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11078004 |          | QT1472.0 | 8/31/98  | 0000024842 | 8/30/98      |
| SC-07228-S | LEAD        | 36.30  |      | 0.34  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11078004 |          | QT1472.0 | 8/31/98  | 0000024842 | 8/30/98      |
| SC-07228-S | RADIUM-226  | 1.15   | 0.12 | 0.37  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3521  |          | WP0138.0 | 10/22/98 | 0000024842 | 8/30/98      |
| SC-07228-S | RADIUM-228  | 1.18   | 0.20 | 0.66  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3521  |          | WP0138.0 | 10/22/98 | 0000024842 | 8/30/98      |
| SC-07228-S | THORIUM-230 | 1.05   | 0.18 | 0.05  | PC/KG | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00    | L7835-4  |          | LK0480.0 | 9/4/98   | 0000024842 | 8/30/98      |
| SC-07228-S | URANIUM-238 | ND     |      | 4.19  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3521  |          | WP0138.0 | 10/22/98 | 0000024842 | 8/30/98      |
| SC-07302-S | URANIUM-238 | -2.64  | 0.80 | 3.08  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3684  |          | WP0148.0 | 11/9/98  | 0000024844 | 9/21/98      |
| SC-07303-S | URANIUM-238 | ND     |      | 3.98  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3685  |          | WP0148.0 | 11/9/98  | 0000024845 | 9/21/98      |
| SC-07304-S | URANIUM-238 | 2.83   | 0.97 | 2.72  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3686  |          | WP0148.0 | 11/9/98  | 0000024846 | 9/21/98      |
| SC-07305-S | URANIUM-238 | 6.80   | 1.24 | 4.10  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3687  |          | WP0148.0 | 11/9/98  | 0000024847 | 9/21/98      |
| SC-07307-C | URANIUM-238 | 7.23   | 1.30 | 4.30  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3688  |          | WP0148.0 | 11/9/98  | 0000024848 | 9/21/98      |
| SC-07307-S | URANIUM-238 | 10.00  | 1.89 | 3.97  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3689  |          | WP0148.0 | 11/9/98  | 0000024849 | 9/21/98      |
| SC-07308-S | URANIUM-238 | 7.38   | 1.17 | 3.24  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3670  |          | WP0148.0 | 11/9/98  | 0000024850 | 9/21/98      |
| SC-07309-S | URANIUM-238 | 7.41   | 1.43 | 2.86  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3671  |          | WP0148.0 | 11/9/98  | 0000024851 | 9/21/98      |
| SC-07310-S | URANIUM-238 | -2.08  | 0.72 | 3.00  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3672  |          | WP0148.0 | 11/9/98  | 0000024852 | 9/21/98      |
| SC-07312-S | URANIUM-238 | 7.40   | 1.39 | 3.30  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3673  |          | WP0148.0 | 11/9/98  | 0000024853 | 9/21/98      |
| SC-07313-S | URANIUM-238 | 20.30  | 2.31 | 3.95  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3674  |          | WP0148.0 | 11/9/98  | 0000024854 | 9/21/98      |
| SC-07314-S | URANIUM-238 | ND     |      | 3.80  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3675  |          | WP0148.0 | 11/9/98  | 0000024855 | 9/21/98      |
| SC-07315-S | URANIUM-238 | ND     |      | 3.29  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3676  |          | WP0148.0 | 11/9/98  | 0000024856 | 9/21/98      |
| SC-07317-S | AROCLO-1248 | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12252001 | U        | QT1497.0 | 9/25/98  | 0000024858 | 9/21/98      |
| SC-07317-S | AROCLO-1254 | 320.00 |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12252001 |          | QT1497.0 | 9/25/98  | 0000024858 | 9/21/98      |
| SC-07317-S | AROCLO-1260 | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12252001 | U        | QT1497.0 | 9/25/98  | 0000024858 | 9/21/98      |
| SC-07317-S | ARSENIC     | 10.70  |      | 0.45  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12252001 |          | QT1497.0 | 9/24/98  | 0000024859 | 9/21/98      |
| SC-07317-S | CHROMIUM    | 15.50  |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12252001 |          | QT1497.0 | 9/24/98  | 0000024859 | 9/21/98      |
| SC-07317-S | LEAD        | 27.90  |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12252001 |          | QT1497.0 | 9/24/98  | 0000024859 | 9/21/98      |
| SC-07317-S | RADIUM-226  | 1.37   | 0.12 | 0.31  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3877  |          | WP0148.0 | 11/9/98  | 0000024859 | 9/21/98      |
| SC-07317-S | RADIUM-228  | 1.22   | 0.17 | 0.53  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3877  |          | WP0148.0 | 11/9/98  | 0000024859 | 9/21/98      |
| SC-07317-S | THORIUM-230 | 2.03   | 0.22 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3877  |          | WP0148.0 | 9/28/98  | 0000024859 | 9/21/98      |
| SC-07317-S | URANIUM-238 | 16.30  | 2.35 | 4.75  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3877  |          | WP0148.0 | 11/9/98  | 0000024859 | 9/21/98      |
| SC-07318-C | AROCLO-1248 | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12252003 | U        | QT1497.0 | 9/25/98  | 0000024860 | 9/21/98      |
| SC-07318-C | AROCLO-1254 | 180.00 |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12252003 |          | QT1497.0 | 9/25/98  | 0000024860 | 9/21/98      |
| SC-07318-C | AROCLO-1260 | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12252003 | U        | QT1497.0 | 9/25/98  | 0000024860 | 9/21/98      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER    | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB | LAB      | DATE    | SAMPLINK   | DATE    |
|------------|--------------|--------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|-----|----------|---------|------------|---------|
| SC-07318-C | ARSENIC      | 7.80   |      | 0.45  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12252003 |     | QT1497.0 | 9/24/98 | 0000024660 | 9/21/98 |
| SC-07318-C | CHROMIUM     | 15.40  |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12252003 |     | QT1497.0 | 9/24/98 | 0000024660 | 9/21/98 |
| SC-07318-C | LEAD         | 14.20  |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12252003 |     | QT1497.0 | 9/24/98 | 0000024660 | 9/21/98 |
| SC-07318-C | RADIUM-226   | 1.42   | 0.10 | 0.29  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3879  |     | WP0148.0 | 11/9/98 | 0000024660 | 9/21/98 |
| SC-07318-C | RADIUM-228   | 1.58   | 0.14 | 0.37  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3879  |     | WP0148.0 | 11/9/98 | 0000024660 | 9/21/98 |
| SC-07318-C | THORIUM-230  | 1.11   | 0.13 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3879  |     | WP0148.0 | 9/27/98 | 0000024660 | 9/21/98 |
| SC-07318-C | URANIUM-238  | 3.64   | 0.78 | 2.62  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3879  |     | WP0148.0 | 11/9/98 | 0000024660 | 9/21/98 |
| SC-07318-S | AROCLOL-1248 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12252004 | U   | QT1497.0 | 9/25/98 | 0000024661 | 9/21/98 |
| SC-07318-S | AROCLOL-1254 | 75.00  |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12252004 |     | QT1497.0 | 9/25/98 | 0000024661 | 9/21/98 |
| SC-07318-S | AROCLOL-1260 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12252004 | U   | QT1497.0 | 9/25/98 | 0000024661 | 9/21/98 |
| SC-07318-S | ARSENIC      | 7.70   |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12252004 |     | QT1497.0 | 9/24/98 | 0000024661 | 9/21/98 |
| SC-07318-S | CHROMIUM     | 16.30  |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12252004 |     | QT1497.0 | 9/24/98 | 0000024661 | 9/21/98 |
| SC-07318-S | LEAD         | 13.80  |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12252004 |     | QT1497.0 | 9/24/98 | 0000024661 | 9/21/98 |
| SC-07318-S | RADIUM-226   | 1.44   | 0.13 | 0.34  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3880  |     | WP0148.0 | 11/9/98 | 0000024661 | 9/21/98 |
| SC-07318-S | RADIUM-228   | 1.49   | 0.17 | 0.62  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3880  |     | WP0148.0 | 11/9/98 | 0000024661 | 9/21/98 |
| SC-07318-S | THORIUM-230  | 1.13   | 0.12 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3880  |     | WP0148.0 | 9/27/98 | 0000024661 | 9/21/98 |
| SC-07318-S | URANIUM-238  | 4.13   | 1.31 | 3.72  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3880  |     | WP0148.0 | 11/9/98 | 0000024661 | 9/21/98 |
| SC-07319-S | URANIUM-238  | ND     |      | 3.13  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3881  |     | WP0148.0 | 11/9/98 | 0000024662 | 9/21/98 |
| SC-07320-S | URANIUM-238  | ND     |      | 4.01  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3882  |     | WP0148.0 | 11/9/98 | 0000024663 | 9/21/98 |
| SC-07322-S | AROCLOL-1248 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219026 | U   | QT1495.0 | 9/23/98 | 0000024664 | 9/19/98 |
| SC-07322-S | AROCLOL-1254 | 150.00 |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219026 |     | QT1495.0 | 9/23/98 | 0000024664 | 9/19/98 |
| SC-07322-S | AROCLOL-1260 | ND     |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219026 | U   | QT1495.0 | 9/23/98 | 0000024664 | 9/19/98 |
| SC-07322-S | ARSENIC      | 8.30   |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219026 |     | QT1495.0 | 9/21/98 | 0000024664 | 9/19/98 |
| SC-07322-S | CHROMIUM     | 17.10  |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219026 |     | QT1495.0 | 9/21/98 | 0000024664 | 9/19/98 |
| SC-07322-S | LEAD         | 18.40  |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219026 |     | QT1495.0 | 9/21/98 | 0000024664 | 9/19/98 |
| SC-07322-S | RADIUM-226   | 1.08   | 0.09 | 0.29  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3823  |     | WP0148.0 | 11/4/98 | 0000024664 | 9/19/98 |
| SC-07322-S | RADIUM-228   | 1.21   | 0.13 | 0.43  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3823  |     | WP0148.0 | 11/4/98 | 0000024664 | 9/19/98 |
| SC-07322-S | THORIUM-230  | 1.33   | 0.16 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3823  |     | WP0148.0 | 9/27/98 | 0000024664 | 9/19/98 |
| SC-07322-S | URANIUM-238  | 14.40  | 1.84 | 3.65  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3823  |     | WP0148.0 | 11/4/98 | 0000024664 | 9/19/98 |
| SC-07323-C | AROCLOL-1248 | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12252005 | U   | QT1497.0 | 9/25/98 | 0000024665 | 9/21/98 |
| SC-07323-C | AROCLOL-1254 | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12252005 | U   | QT1497.0 | 9/25/98 | 0000024665 | 9/21/98 |
| SC-07323-C | AROCLOL-1260 | ND     |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12252005 | U   | QT1497.0 | 9/25/98 | 0000024665 | 9/21/98 |
| SC-07323-C | ARSENIC      | 7.30   |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12252005 |     | QT1497.0 | 9/24/98 | 0000024665 | 9/21/98 |
| SC-07323-C | CHROMIUM     | 18.20  |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12252005 |     | QT1497.0 | 9/24/98 | 0000024665 | 9/21/98 |
| SC-07323-C | LEAD         | 12.40  |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12252005 |     | QT1497.0 | 9/24/98 | 0000024665 | 9/21/98 |
| SC-07323-C | RADIUM-226   | 1.49   | 0.11 | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3883  |     | WP0148.0 | 11/9/98 | 0000024665 | 9/21/98 |
| SC-07323-C | RADIUM-228   | 1.49   | 0.14 | 0.51  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3883  |     | WP0148.0 | 11/9/98 | 0000024665 | 9/21/98 |
| SC-07323-C | THORIUM-230  | 0.92   | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3883  |     | WP0148.0 | 9/27/98 | 0000024665 | 9/21/98 |
| SC-07323-C | URANIUM-238  | ND     |      | 3.22  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3883  |     | WP0148.0 | 11/9/98 | 0000024665 | 9/21/98 |
| SC-07323-S | AROCLOL-1248 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219027 | U   | QT1495.0 | 9/23/98 | 0000024667 | 9/19/98 |
| SC-07323-S | AROCLOL-1254 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219027 | U   | QT1495.0 | 9/23/98 | 0000024667 | 9/19/98 |
| SC-07323-S | AROCLOL-1260 | ND     |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12219027 | U   | QT1495.0 | 9/23/98 | 0000024667 | 9/19/98 |
| SC-07323-S | ARSENIC      | 7.00   |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219027 |     | QT1495.0 | 9/21/98 | 0000024667 | 9/19/98 |
| SC-07323-S | CHROMIUM     | 16.80  |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219027 |     | QT1495.0 | 9/21/98 | 0000024667 | 9/19/98 |
| SC-07323-S | LEAD         | 12.20  |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12219027 |     | QT1495.0 | 9/21/98 | 0000024667 | 9/19/98 |
| SC-07323-S | RADIUM-226   | 1.38   | 0.13 | 0.32  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3824  |     | WP0148.0 | 11/4/98 | 0000024667 | 9/19/98 |
| SC-07323-S | RADIUM-228   | 1.21   | 0.17 | 0.46  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3824  |     | WP0148.0 | 11/4/98 | 0000024667 | 9/19/98 |
| SC-07323-S | THORIUM-230  | 0.78   | 0.07 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3824  |     | WP0148.0 | 9/27/98 | 0000024667 | 9/19/98 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL<br>QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL<br>FACT | LAB<br>ID | LAB<br>QUAL | LAB<br>REQD | DATE<br>ANA | SAMPLINK   | DATE<br>SAMPLED |
|------------|-------------|-------|------|-------|-------|-------------|----------|-----------|--------|---------------|------------|-----------|-------------|-------------|-------------|------------|-----------------|
| SC-07323-S | URANIUM-238 | ND    |      | 4.01  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3824   |             | WP0146.0    | 11/4/96     | 0000024667 | 8/19/96         |
| SC-07324-S | URANIUM-238 | ND    |      | 3.03  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3825   |             | WP0146.0    | 9/23/96     | 0000024668 | 8/19/96         |
| SC-07325-S | URANIUM-238 | ND    |      | 4.17  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3826   |             | WP0146.0    | 9/23/96     | 0000024669 | 8/19/96         |
| SC-07402-S | AROCOR-1248 | ND    |      | 42.00 | UG/KG | U           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11976005  | U           | QT1472.0    | 8/2/96      | 0000024670 | 8/30/96         |
| SC-07402-S | AROCOR-1254 | ND    |      | 42.00 | UG/KG | U           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11976005  | U           | QT1472.0    | 8/2/96      | 0000024670 | 8/30/96         |
| SC-07402-S | AROCOR-1260 | ND    |      | 42.00 | UG/KG | U           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11976005  | U           | QT1472.0    | 8/2/96      | 0000024670 | 8/30/96         |
| SC-07402-S | ARSENIC     | 4.90  |      | 0.50  | UG/G  | A           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11976005  |             | QT1472.0    | 8/31/96     | 0000024670 | 8/30/96         |
| SC-07402-S | CHROMIUM    | 17.90 |      | 0.58  | UG/G  | A           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11976005  |             | QT1472.0    | 8/31/96     | 0000024670 | 8/30/96         |
| SC-07402-S | LEAD        | 14.40 |      | 0.35  | UG/G  | A           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11976005  |             | QT1472.0    | 8/31/96     | 0000024670 | 8/30/96         |
| SC-07402-S | RADIUM-226  | 1.00  | 0.11 | 0.32  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3522   |             | WP0136.0    | 10/22/96    | 0000024670 | 8/30/96         |
| SC-07402-S | RADIUM-226  | ND    |      | 1.38  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3522   |             | WP0136.0    | 10/22/96    | 0000024670 | 8/30/96         |
| SC-07402-S | THORIUM-230 | 1.02  | 0.18 | 0.05  | PC/G  | *           |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00       | L7835-3   |             | LK0460.0    | 9/4/96      | 0000024670 | 8/30/96         |
| SC-07402-S | URANIUM-238 | ND    |      | 4.14  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3522   |             | WP0136.0    | 10/22/96    | 0000024670 | 8/30/96         |
| SC-07403-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | U           | T*       | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11976006  | U           | QT1472.0    | 8/2/96      | 0000024671 | 8/30/96         |
| SC-07403-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | U           | T*       | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11976006  | U           | QT1472.0    | 8/2/96      | 0000024671 | 8/30/96         |
| SC-07403-S | AROCOR-1260 | 42.00 |      | 38.00 | UG/KG | A           | T*       | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11976006  |             | QT1472.0    | 8/2/96      | 0000024671 | 8/30/96         |
| SC-07403-S | ARSENIC     | 6.70  |      | 0.47  | UG/G  | A           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11976006  |             | QT1472.0    | 8/31/96     | 0000024671 | 8/30/96         |
| SC-07403-S | CHROMIUM    | 22.90 |      | 0.54  | UG/G  | A           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11976006  |             | QT1472.0    | 8/31/96     | 0000024671 | 8/30/96         |
| SC-07403-S | LEAD        | 14.70 |      | 0.33  | UG/G  | A           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11976006  |             | QT1472.0    | 8/31/96     | 0000024671 | 8/30/96         |
| SC-07403-S | RADIUM-226  | 1.11  | 0.11 | 0.34  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3523   |             | WP0136.0    | 10/22/96    | 0000024671 | 8/30/96         |
| SC-07403-S | RADIUM-226  | 1.29  | 0.19 | 0.60  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3523   |             | WP0136.0    | 10/22/96    | 0000024671 | 8/30/96         |
| SC-07403-S | THORIUM-230 | 0.88  | 0.17 | 0.05  | PC/G  | *           |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00       | L7835-5   |             | LK0460.0    | 9/4/96      | 0000024671 | 8/30/96         |
| SC-07403-S | URANIUM-238 | ND    |      | 3.98  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3523   |             | WP0136.0    | 10/22/96    | 0000024671 | 8/30/96         |
| SC-07404-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | U           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11976007  | U           | QT1472.0    | 8/2/96      | 0000024672 | 8/30/96         |
| SC-07404-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | U           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11976007  | U           | QT1472.0    | 8/2/96      | 0000024672 | 8/30/96         |
| SC-07404-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | U           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11976007  | U           | QT1472.0    | 8/2/96      | 0000024672 | 8/30/96         |
| SC-07404-S | ARSENIC     | 3.50  |      | 0.49  | UG/G  | A           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11976007  |             | QT1472.0    | 8/31/96     | 0000024672 | 8/30/96         |
| SC-07404-S | CHROMIUM    | 14.10 |      | 0.56  | UG/G  | A           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11976007  |             | QT1472.0    | 8/31/96     | 0000024672 | 8/30/96         |
| SC-07404-S | LEAD        | 8.40  |      | 0.34  | UG/G  | A           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11976007  |             | QT1472.0    | 8/31/96     | 0000024672 | 8/30/96         |
| SC-07404-S | RADIUM-226  | 1.10  | 0.09 | 0.28  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3524   |             | WP0136.0    | 10/22/96    | 0000024672 | 8/30/96         |
| SC-07404-S | RADIUM-226  | 1.48  | 0.18 | 0.44  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3524   |             | WP0136.0    | 10/22/96    | 0000024672 | 8/30/96         |
| SC-07404-S | THORIUM-230 | 0.84  | 0.18 | 0.04  | PC/G  | *           |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00       | L7835-7   |             | LK0460.0    | 9/4/96      | 0000024672 | 8/30/96         |
| SC-07404-S | URANIUM-238 | ND    |      | 3.28  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3524   |             | WP0136.0    | 10/22/96    | 0000024672 | 8/30/96         |
| SC-07405-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | U           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11976008  | U           | QT1472.0    | 8/2/96      | 0000024673 | 8/30/96         |
| SC-07405-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | U           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11976008  | U           | QT1472.0    | 8/2/96      | 0000024673 | 8/30/96         |
| SC-07405-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | U           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11976008  | U           | QT1472.0    | 8/2/96      | 0000024673 | 8/30/96         |
| SC-07405-S | ARSENIC     | 7.90  |      | 0.47  | UG/G  | A           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11976008  |             | QT1472.0    | 8/31/96     | 0000024673 | 8/30/96         |
| SC-07405-S | CHROMIUM    | 17.20 |      | 0.54  | UG/G  | A           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11976008  |             | QT1472.0    | 8/31/96     | 0000024673 | 8/30/96         |
| SC-07405-S | LEAD        | 18.80 |      | 0.33  | UG/G  | A           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11976008  |             | QT1472.0    | 8/31/96     | 0000024673 | 8/30/96         |
| SC-07405-S | RADIUM-226  | 1.21  | 0.12 | 0.28  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3525   |             | WP0136.0    | 10/22/96    | 0000024673 | 8/30/96         |
| SC-07405-S | RADIUM-226  | 1.38  | 0.20 | 0.48  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3525   |             | WP0136.0    | 10/22/96    | 0000024673 | 8/30/96         |
| SC-07405-S | THORIUM-230 | 1.13  | 0.18 | 0.04  | PC/G  | *           |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00       | L7835-8   |             | LK0460.0    | 9/4/96      | 0000024673 | 8/30/96         |
| SC-07405-S | URANIUM-238 | 5.83  | 1.40 | 4.43  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3525   |             | WP0136.0    | 10/22/96    | 0000024673 | 8/30/96         |
| SC-07407-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | U           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11976010  | U           | QT1472.0    | 8/2/96      | 0000024674 | 8/30/96         |
| SC-07407-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | U           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11976010  | U           | QT1472.0    | 8/2/96      | 0000024674 | 8/30/96         |
| SC-07407-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | U           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11976010  | U           | QT1472.0    | 8/2/96      | 0000024674 | 8/30/96         |
| SC-07407-S | ARSENIC     | 6.90  |      | 0.48  | UG/G  | A           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11976010  |             | QT1472.0    | 8/31/96     | 0000024674 | 8/30/96         |
| SC-07407-S | CHROMIUM    | 14.60 |      | 0.55  | UG/G  | A           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11976010  |             | QT1472.0    | 8/31/96     | 0000024674 | 8/30/96         |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB  | LAB      | DATE     | SAMPLING   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|------|----------|----------|------------|---------|
|            |             |       |      |       |       |     |      |          |           |        |               | FACT | ID       | QUAL | REQU     | ANA      | LINK       | SAMPLED |
| SC-07407-S | LEAD        | 9.20  |      | 0.34  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978010 |      | QT1472.0 | 8/31/98  | 0000024674 | 8/30/98 |
| SC-07407-S | RADIUM-226  | 1.07  | 0.08 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3527  |      | WP0136.0 | 10/22/98 | 0000024674 | 8/30/98 |
| SC-07407-S | RADIUM-226  | 1.28  | 0.15 | 0.44  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3527  |      | WP0136.0 | 10/22/98 | 0000024674 | 8/30/98 |
| SC-07407-S | THORIUM-230 | 0.77  | 0.16 | 0.03  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7835-10 |      | LK0460.0 | 9/4/98   | 0000024674 | 8/30/98 |
| SC-07407-S | URANIUM-238 | 3.06  | 0.86 | 2.96  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3527  |      | WP0136.0 | 10/22/98 | 0000024674 | 8/30/98 |
| SC-07408-S | AROCLO-1248 | ND    |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978011 | U    | QT1472.0 | 8/2/98   | 0000024675 | 8/30/98 |
| SC-07408-S | AROCLO-1254 | 57.00 |      | 40.00 | UG/KG | A   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978011 |      | QT1472.0 | 8/2/98   | 0000024675 | 8/30/98 |
| SC-07408-S | AROCLO-1260 | ND    |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978011 | U    | QT1472.0 | 8/2/98   | 0000024675 | 8/30/98 |
| SC-07408-S | ARSENIC     | 6.00  |      | 0.48  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978011 |      | QT1472.0 | 8/31/98  | 0000024675 | 8/30/98 |
| SC-07408-S | CHROMIUM    | 16.40 |      | 0.58  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978011 |      | QT1472.0 | 8/31/98  | 0000024675 | 8/30/98 |
| SC-07408-S | LEAD        | 11.30 |      | 0.34  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978011 |      | QT1472.0 | 8/31/98  | 0000024675 | 8/30/98 |
| SC-07408-S | RADIUM-226  | 1.21  | 0.11 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3528  |      | WP0136.0 | 10/22/98 | 0000024675 | 8/30/98 |
| SC-07408-S | RADIUM-226  | 1.46  | 0.17 | 0.44  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3528  |      | WP0136.0 | 10/22/98 | 0000024675 | 8/30/98 |
| SC-07408-S | THORIUM-230 | 0.63  | 0.13 | 0.03  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7835-11 |      | LK0460.0 | 9/4/98   | 0000024675 | 8/30/98 |
| SC-07408-S | URANIUM-238 | ND    |      | 4.08  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3528  |      | WP0136.0 | 10/22/98 | 0000024675 | 8/30/98 |
| SC-07408-S | AROCLO-1248 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978012 | U    | QT1472.0 | 8/2/98   | 0000024676 | 8/30/98 |
| SC-07408-S | AROCLO-1254 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978012 | U    | QT1472.0 | 8/2/98   | 0000024676 | 8/30/98 |
| SC-07408-S | AROCLO-1260 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978012 | U    | QT1472.0 | 8/2/98   | 0000024676 | 8/30/98 |
| SC-07408-S | ARSENIC     | 10.60 |      | 0.50  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978012 |      | QT1472.0 | 8/31/98  | 0000024676 | 8/30/98 |
| SC-07408-S | CHROMIUM    | 20.40 |      | 0.57  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978012 |      | QT1472.0 | 8/31/98  | 0000024676 | 8/30/98 |
| SC-07408-S | LEAD        | 18.60 |      | 0.35  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978012 |      | QT1472.0 | 8/31/98  | 0000024676 | 8/30/98 |
| SC-07408-S | RADIUM-226  | 1.11  | 0.10 | 0.38  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3529  |      | WP0136.0 | 10/22/98 | 0000024676 | 8/30/98 |
| SC-07408-S | RADIUM-226  | 1.10  | 0.14 | 0.58  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3529  |      | WP0136.0 | 10/22/98 | 0000024676 | 8/30/98 |
| SC-07408-S | THORIUM-230 | 0.96  | 0.16 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7835-12 |      | LK0460.0 | 9/4/98   | 0000024676 | 8/30/98 |
| SC-07408-S | URANIUM-238 | 79.60 | 6.87 | 4.88  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3529  |      | WP0136.0 | 10/22/98 | 0000024676 | 8/30/98 |
| SC-07410-S | AROCLO-1248 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978013 | U    | QT1472.0 | 8/2/98   | 0000024677 | 8/30/98 |
| SC-07410-S | AROCLO-1254 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978013 | U    | QT1472.0 | 8/2/98   | 0000024677 | 8/30/98 |
| SC-07410-S | AROCLO-1260 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978013 | U    | QT1472.0 | 8/2/98   | 0000024677 | 8/30/98 |
| SC-07410-S | ARSENIC     | 6.90  |      | 0.50  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978013 |      | QT1472.0 | 8/31/98  | 0000024677 | 8/30/98 |
| SC-07410-S | CHROMIUM    | 16.60 |      | 0.57  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978013 |      | QT1472.0 | 8/31/98  | 0000024677 | 8/30/98 |
| SC-07410-S | LEAD        | 17.80 |      | 0.35  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978013 |      | QT1472.0 | 8/31/98  | 0000024677 | 8/30/98 |
| SC-07410-S | RADIUM-226  | 1.40  | 0.13 | 0.38  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3530  |      | WP0136.0 | 10/22/98 | 0000024677 | 8/30/98 |
| SC-07410-S | RADIUM-226  | 1.33  | 0.17 | 0.44  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3530  |      | WP0136.0 | 10/22/98 | 0000024677 | 8/30/98 |
| SC-07410-S | THORIUM-230 | 1.06  | 0.18 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7835-13 |      | LK0460.0 | 9/4/98   | 0000024677 | 8/30/98 |
| SC-07410-S | URANIUM-238 | 3.28  | 0.94 | 3.63  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3530  |      | WP0136.0 | 10/22/98 | 0000024677 | 8/30/98 |
| SC-07412-S | AROCLO-1248 | ND    |      | 38.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978014 | U    | QT1472.0 | 8/2/98   | 0000024678 | 8/30/98 |
| SC-07412-S | AROCLO-1254 | ND    |      | 38.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978014 | U    | QT1472.0 | 8/2/98   | 0000024678 | 8/30/98 |
| SC-07412-S | AROCLO-1260 | ND    |      | 38.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978014 | U    | QT1472.0 | 8/2/98   | 0000024678 | 8/30/98 |
| SC-07412-S | ARSENIC     | 7.50  |      | 0.48  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978014 |      | QT1472.0 | 8/31/98  | 0000024678 | 8/30/98 |
| SC-07412-S | CHROMIUM    | 11.90 |      | 0.53  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978014 |      | QT1472.0 | 8/31/98  | 0000024678 | 8/30/98 |
| SC-07412-S | LEAD        | 16.30 |      | 0.33  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978014 |      | QT1472.0 | 8/31/98  | 0000024678 | 8/30/98 |
| SC-07412-S | RADIUM-226  | 1.06  | 0.08 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3531  |      | WP0136.0 | 10/22/98 | 0000024678 | 8/30/98 |
| SC-07412-S | RADIUM-226  | 1.21  | 0.12 | 0.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3531  |      | WP0136.0 | 10/22/98 | 0000024678 | 8/30/98 |
| SC-07412-S | THORIUM-230 | 1.08  | 0.18 | 0.05  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7835-14 |      | LK0460.0 | 9/4/98   | 0000024678 | 8/30/98 |
| SC-07412-S | URANIUM-238 | -1.94 | 0.67 | 2.46  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3531  |      | WP0136.0 | 10/22/98 | 0000024678 | 8/30/98 |
| SC-07413-S | AROCLO-1248 | ND    |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978015 | U    | QT1472.0 | 8/2/98   | 0000024679 | 8/30/98 |
| SC-07413-S | AROCLO-1254 | ND    |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978015 | U    | QT1472.0 | 8/2/98   | 0000024679 | 8/30/98 |
| SC-07413-S | AROCLO-1260 | ND    |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978015 | U    | QT1472.0 | 8/2/98   | 0000024679 | 8/30/98 |

APPENDIX D TABLE D-1

| WBSRAP ID       | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|-----------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-07413-S      | ARSENIC     | 6.00  |      | 0.49  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978015 |          | QT1472.0 | 8/31/96  | 0000024679 | 8/30/96      |
| SC-07413-S      | CHROMIUM    | 11.50 |      | 0.68  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978015 |          | QT1472.0 | 8/31/96  | 0000024679 | 8/30/96      |
| SC-07413-S      | LEAD        | 16.20 |      | 0.34  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978015 |          | QT1472.0 | 8/31/96  | 0000024679 | 8/30/96      |
| SC-07413-S      | RADIUM-226  | 1.08  | 0.12 | 0.39  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3532  |          | WP0136.0 | 10/23/96 | 0000024679 | 8/30/96      |
| SC-07413-S      | RADIUM-228  | 1.17  | 0.15 | 0.52  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3532  |          | WP0136.0 | 10/23/96 | 0000024679 | 8/30/96      |
| SC-07413-S      | THORIUM-230 | 0.90  | 0.18 | 0.03  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00     | L7835-16 |          | LK0460.0 | 9/4/96   | 0000024679 | 8/30/96      |
| SC-07413-S      | URANIUM-238 | ND    |      | 4.25  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3532  |          | WP0136.0 | 10/23/96 | 0000024679 | 8/30/96      |
| SC-07414-S      | AROCOR-1248 | ND    |      | 39.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978018 | U        | QT1472.0 | 9/2/96   | 0000024680 | 8/30/96      |
| SC-07414-S      | AROCOR-1254 | ND    |      | 39.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978018 | U        | QT1472.0 | 9/2/96   | 0000024680 | 8/30/96      |
| SC-07414-S      | AROCOR-1280 | ND    |      | 39.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978018 | U        | QT1472.0 | 9/2/96   | 0000024680 | 8/30/96      |
| SC-07414-S      | ARSENIC     | 5.30  |      | 0.47  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978018 |          | QT1472.0 | 8/31/96  | 0000024680 | 8/30/96      |
| SC-07414-S      | CHROMIUM    | 12.70 |      | 0.54  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978018 |          | QT1472.0 | 8/31/96  | 0000024680 | 8/30/96      |
| SC-07414-S      | LEAD        | 9.00  |      | 0.33  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978018 |          | QT1472.0 | 8/31/96  | 0000024680 | 8/30/96      |
| SC-07414-S      | RADIUM-226  | 1.28  | 0.08 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3533  |          | WP0136.0 | 10/23/96 | 0000024680 | 8/30/96      |
| SC-07414-S      | RADIUM-228  | 1.16  | 0.12 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3533  |          | WP0136.0 | 10/23/96 | 0000024680 | 8/30/96      |
| SC-07414-S      | THORIUM-230 | 0.81  | 0.18 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00     | L7835-16 |          | LK0460.0 | 9/4/96   | 0000024680 | 8/30/96      |
| SC-07414-S      | URANIUM-238 | 3.53  | 0.82 | 2.99  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3533  |          | WP0136.0 | 10/23/96 | 0000024680 | 8/30/96      |
| SC-07415-S      | AROCOR-1248 | ND    |      | 39.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978017 | U        | QT1472.0 | 9/2/96   | 0000024681 | 8/30/96      |
| SC-07415-S      | AROCOR-1254 | ND    |      | 39.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978017 | U        | QT1472.0 | 9/2/96   | 0000024681 | 8/30/96      |
| SC-07415-S      | AROCOR-1280 | ND    |      | 39.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978017 | U        | QT1472.0 | 9/2/96   | 0000024681 | 8/30/96      |
| SC-07415-S      | ARSENIC     | 0.60  |      | 0.48  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978017 |          | QT1472.0 | 8/31/96  | 0000024681 | 8/30/96      |
| SC-07415-S      | CHROMIUM    | 23.90 |      | 0.53  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978017 |          | QT1472.0 | 8/31/96  | 0000024681 | 8/30/96      |
| SC-07415-S      | LEAD        | 12.90 |      | 0.32  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978017 |          | QT1472.0 | 8/31/96  | 0000024681 | 8/30/96      |
| SC-07415-S      | RADIUM-226  | 1.23  | 0.10 | 0.27  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3534  |          | WP0136.0 | 10/23/96 | 0000024681 | 8/30/96      |
| SC-07415-S      | RADIUM-228  | 1.32  | 0.13 | 0.43  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3534  |          | WP0136.0 | 10/23/96 | 0000024681 | 8/30/96      |
| SC-07415-S      | THORIUM-230 | 1.20  | 0.21 | 0.05  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00     | L7835-17 |          | LK0460.0 | 9/4/96   | 0000024681 | 8/30/96      |
| SC-07415-S      | URANIUM-238 | 4.85  | 0.91 | 2.74  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3534  |          | WP0136.0 | 10/23/96 | 0000024681 | 8/30/96      |
| SC-07417-S      | AROCOR-1248 | ND    |      | 39.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978018 | U        | QT1472.0 | 9/2/96   | 0000024682 | 8/30/96      |
| SC-07417-S      | AROCOR-1254 | ND    |      | 39.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978018 | U        | QT1472.0 | 9/2/96   | 0000024682 | 8/30/96      |
| SC-07417-S      | AROCOR-1280 | ND    |      | 39.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978018 | U        | QT1472.0 | 9/2/96   | 0000024682 | 8/30/96      |
| SC-07417-S      | ARSENIC     | 4.80  |      | 0.47  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978018 |          | QT1472.0 | 8/31/96  | 0000024682 | 8/30/96      |
| SC-07417-S      | CHROMIUM    | 15.90 |      | 0.54  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978018 |          | QT1472.0 | 8/31/96  | 0000024682 | 8/30/96      |
| SC-07417-S      | LEAD        | 9.40  |      | 0.33  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978018 |          | QT1472.0 | 8/31/96  | 0000024682 | 8/30/96      |
| SC-07417-S      | RADIUM-226  | 1.12  | 0.13 | 0.39  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3536  |          | WP0136.0 | 10/23/96 | 0000024682 | 8/30/96      |
| SC-07417-S      | RADIUM-228  | 1.13  | 0.16 | 0.54  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3536  |          | WP0136.0 | 10/23/96 | 0000024682 | 8/30/96      |
| SC-07417-S      | THORIUM-230 | 1.38  | 0.21 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00     | L7835-18 |          | LK0460.0 | 9/4/96   | 0000024682 | 8/30/96      |
| SC-07417-S      | URANIUM-238 | 2.83  | 1.03 | 3.01  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3536  |          | WP0136.0 | 10/23/96 | 0000024682 | 8/30/96      |
| SC-07417-S-HS01 | RADIUM-226  | 1.43  | 0.13 | 0.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3614  |          | WP0136.0 | 10/25/96 | 0000029955 | 9/5/96       |
| SC-07417-S-HS01 | RADIUM-228  | 1.01  | 0.17 | 0.60  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3614  |          | WP0136.0 | 10/25/96 | 0000029955 | 9/5/96       |
| SC-07417-S-HS01 | THORIUM-230 | 1.75  | 0.19 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3614  |          | WP0136.0 | 10/25/96 | 0000029955 | 9/5/96       |
| SC-07417-S-HS01 | URANIUM-238 | 53.10 | 5.60 | 6.72  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3614  |          | WP0136.0 | 10/25/96 | 0000029955 | 9/5/96       |
| SC-07418-S      | AROCOR-1248 | ND    |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978019 | U        | QT1472.0 | 9/2/96   | 0000024684 | 8/30/96      |
| SC-07418-S      | AROCOR-1254 | ND    |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978019 | U        | QT1472.0 | 9/2/96   | 0000024684 | 8/30/96      |
| SC-07418-S      | AROCOR-1280 | ND    |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978019 | U        | QT1472.0 | 9/2/96   | 0000024684 | 8/30/96      |
| SC-07418-S      | ARSENIC     | 2.80  |      | 0.48  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978019 |          | QT1472.0 | 8/31/96  | 0000024684 | 8/30/96      |
| SC-07418-S      | CHROMIUM    | 9.40  |      | 0.55  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978019 |          | QT1472.0 | 8/31/96  | 0000024684 | 8/30/96      |
| SC-07418-S      | LEAD        | 6.90  |      | 0.34  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978019 |          | QT1472.0 | 8/31/96  | 0000024684 | 8/30/96      |
| SC-07418-S      | RADIUM-226  | 1.16  | 0.12 | 0.34  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3537  |          | WP0136.0 | 10/23/96 | 0000024684 | 8/30/96      |

APPENDIX D TABLE D-1

| WSSRAP ID       | PARAMETER   | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | OIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|-----------------|-------------|--------|------|-------|-------|-----|------|----------|-----------|--------|---------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-07418-S      | RADIUM-226  | ND     |      | 1.17  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3537  |          | WP0136.0 | 10/23/96 | 0000024684 | 8/30/96      |
| SC-07418-S      | THORIUM-230 | 0.88   | 0.17 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00     | L7835-19 |          | LK0480.0 | 9/4/96   | 0000024684 | 8/30/96      |
| SC-07418-S      | URANIUM-238 | ND     |      | 4.29  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3537  |          | WP0136.0 | 10/23/96 | 0000024684 | 8/30/96      |
| SC-07419-S      | AROCOR-1248 | ND     |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978020 | U        | QT1472.0 | 8/2/96   | 0000024685 | 8/30/96      |
| SC-07419-S      | AROCOR-1254 | ND     |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978020 | U        | QT1472.0 | 8/2/96   | 0000024685 | 8/30/96      |
| SC-07419-S      | AROCOR-1260 | ND     |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978020 | U        | QT1472.0 | 8/2/96   | 0000024685 | 8/30/96      |
| SC-07419-S      | ARSENIC     | 6.50   |      | 0.49  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978020 |          | QT1472.0 | 8/31/96  | 0000024685 | 8/30/96      |
| SC-07419-S      | CHROMIUM    | 13.10  |      | 0.57  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978020 |          | QT1472.0 | 8/31/96  | 0000024685 | 8/30/96      |
| SC-07419-S      | LEAD        | 9.30   |      | 0.35  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978020 |          | QT1472.0 | 8/31/96  | 0000024685 | 8/30/96      |
| SC-07419-S      | RADIUM-226  | 1.10   | 0.09 | 0.32  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3538  |          | WP0136.0 | 10/23/96 | 0000024685 | 8/30/96      |
| SC-07419-S      | RADIUM-228  | 1.07   | 0.12 | 0.39  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3538  |          | WP0136.0 | 10/23/96 | 0000024685 | 8/30/96      |
| SC-07419-S      | THORIUM-230 | 0.87   | 0.18 | 0.03  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00     | L7835-20 |          | LK0480.0 | 9/4/96   | 0000024685 | 8/30/96      |
| SC-07419-S      | URANIUM-238 | ND     |      | 3.00  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3538  |          | WP0136.0 | 10/23/96 | 0000024685 | 8/30/96      |
| SC-07420-S      | AROCOR-1248 | ND     |      | 39.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978021 | U        | QT1472.0 | 8/2/96   | 0000024686 | 8/30/96      |
| SC-07420-S      | AROCOR-1254 | ND     |      | 39.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978021 | U        | QT1472.0 | 8/2/96   | 0000024686 | 8/30/96      |
| SC-07420-S      | AROCOR-1260 | ND     |      | 39.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978021 | U        | QT1472.0 | 8/2/96   | 0000024686 | 8/30/96      |
| SC-07420-S      | ARSENIC     | 5.40   |      | 0.47  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978021 |          | QT1472.0 | 8/1/96   | 0000024686 | 8/30/96      |
| SC-07420-S      | CHROMIUM    | 12.30  |      | 0.55  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978021 |          | QT1472.0 | 8/1/96   | 0000024686 | 8/30/96      |
| SC-07420-S      | LEAD        | 9.80   |      | 0.33  | UG/G  | J   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978021 |          | QT1472.0 | 8/1/96   | 0000024686 | 8/30/96      |
| SC-07420-S      | RADIUM-226  | 1.47   | 0.13 | 0.35  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3539  |          | WP0136.0 | 10/23/96 | 0000024686 | 8/30/96      |
| SC-07420-S      | RADIUM-228  | 1.02   | 0.18 | 0.70  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3539  |          | WP0136.0 | 10/23/96 | 0000024686 | 8/30/96      |
| SC-07420-S      | THORIUM-230 | 0.95   | 0.19 | 0.05  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00     | L7835-21 |          | LK0480.0 | 9/4/96   | 0000024686 | 8/30/96      |
| SC-07420-S      | URANIUM-238 | 6.51   | 1.67 | 4.47  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3539  |          | WP0136.0 | 10/23/96 | 0000024686 | 8/30/96      |
| SC-07421-S      | AROCOR-1248 | ND     |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978022 | U        | QT1472.0 | 8/2/96   | 0000024687 | 8/30/96      |
| SC-07421-S      | AROCOR-1254 | ND     |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978022 | U        | QT1472.0 | 8/2/96   | 0000024687 | 8/30/96      |
| SC-07421-S      | AROCOR-1260 | ND     |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978022 | U        | QT1472.0 | 8/2/96   | 0000024687 | 8/30/96      |
| SC-07421-S      | ARSENIC     | 7.50   |      | 0.49  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978022 |          | QT1472.0 | 8/1/96   | 0000024687 | 8/30/96      |
| SC-07421-S      | CHROMIUM    | 15.00  |      | 0.66  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978022 |          | QT1472.0 | 8/1/96   | 0000024687 | 8/30/96      |
| SC-07421-S      | LEAD        | 17.40  |      | 0.34  | UG/G  | J   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978022 |          | QT1472.0 | 8/1/96   | 0000024687 | 8/30/96      |
| SC-07421-S      | RADIUM-226  | 1.29   | 0.10 | 0.31  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3540  |          | WP0136.0 | 10/23/96 | 0000024687 | 8/30/96      |
| SC-07421-S      | RADIUM-228  | 1.82   | 0.14 | 0.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3540  |          | WP0136.0 | 10/23/96 | 0000024687 | 8/30/96      |
| SC-07421-S      | THORIUM-230 | 1.20   | 0.19 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00     | L7835-22 |          | LK0480.0 | 9/4/96   | 0000024687 | 8/30/96      |
| SC-07421-S      | URANIUM-238 | 6.39   | 1.04 | 2.89  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3540  |          | WP0136.0 | 10/23/96 | 0000024687 | 8/30/96      |
| SC-07422-S      | AROCOR-1248 | ND     |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978023 | U        | QT1472.0 | 8/2/96   | 0000024688 | 8/30/96      |
| SC-07422-S      | AROCOR-1254 | ND     |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978023 | U        | QT1472.0 | 8/2/96   | 0000024688 | 8/30/96      |
| SC-07422-S      | AROCOR-1260 | ND     |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978023 | U        | QT1472.0 | 8/2/96   | 0000024688 | 8/30/96      |
| SC-07422-S      | ARSENIC     | 4.50   |      | 0.48  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978023 |          | QT1472.0 | 8/1/96   | 0000024688 | 8/30/96      |
| SC-07422-S      | CHROMIUM    | 13.10  |      | 0.55  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978023 |          | QT1472.0 | 8/1/96   | 0000024688 | 8/30/96      |
| SC-07422-S      | LEAD        | 9.60   |      | 0.34  | UG/G  | J   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11978023 |          | QT1472.0 | 8/1/96   | 0000024688 | 8/30/96      |
| SC-07422-S      | RADIUM-226  | 0.90   | 0.11 | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3541  |          | WP0136.0 | 10/23/96 | 0000024688 | 8/30/96      |
| SC-07422-S      | RADIUM-228  | 1.82   | 0.21 | 0.43  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3541  |          | WP0136.0 | 10/23/96 | 0000024688 | 8/30/96      |
| SC-07422-S      | THORIUM-230 | 0.85   | 0.16 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00     | L7835-23 |          | LK0480.0 | 9/4/96   | 0000024688 | 8/30/96      |
| SC-07422-S      | URANIUM-238 | ND     |      | 3.85  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3541  |          | WP0136.0 | 10/23/96 | 0000024688 | 8/30/96      |
| SC-07422-S-H801 | RADIUM-226  | 0.52   | 0.08 | 0.32  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3615  |          | WP0136.0 | 10/25/96 | 0000029954 | 9/5/96       |
| SC-07422-S-H801 | RADIUM-228  | ND     |      | 0.88  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3615  |          | WP0136.0 | 10/25/96 | 0000029954 | 9/5/96       |
| SC-07422-S-H801 | THORIUM-230 | 0.91   | 0.19 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3615  |          | WP0136.0 | 9/8/96   | 0000029954 | 9/5/96       |
| SC-07422-S-H801 | URANIUM-238 | 117.00 | 9.05 | 5.00  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3615  |          | WP0136.0 | 10/25/96 | 0000029954 | 9/5/96       |
| SC-07423-S      | AROCOR-1248 | ND     |      | 35.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11978024 | U        | QT1472.0 | 8/2/96   | 0000024689 | 8/30/96      |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB | LAB      | DATE     | SAMPLING   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|-----|----------|----------|------------|---------|
| SC-07423-S | AROCOR-1254 | ND    |      | 35.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978024 | U   | QT1472.0 | 8/2/96   | 0000024689 | 8/30/96 |
| SC-07423-S | AROCOR-1260 | ND    |      | 35.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978024 | U   | QT1472.0 | 8/2/96   | 0000024689 | 8/30/96 |
| SC-07423-S | ARSENIC     | 6.50  |      | 0.43  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978024 |     | QT1472.0 | 8/1/96   | 0000024689 | 8/30/96 |
| SC-07423-S | CHROMIUM    | 17.70 |      | 0.49  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978024 |     | QT1472.0 | 8/1/96   | 0000024689 | 8/30/96 |
| SC-07423-S | LEAD        | 15.30 |      | 0.30  | UG/G  | J   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978024 |     | QT1472.0 | 8/1/96   | 0000024689 | 8/30/96 |
| SC-07423-S | RADIUM-226  | 1.16  | 0.10 | 0.29  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3542  |     | WP0136.0 | 10/23/96 | 0000024689 | 8/30/96 |
| SC-07423-S | RADIUM-226  | 1.36  | 0.13 | 0.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3542  |     | WP0136.0 | 10/23/96 | 0000024689 | 8/30/96 |
| SC-07423-S | THORIUM-230 | 0.82  | 0.16 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7835-24 |     | LK0460.0 | 9/4/96   | 0000024689 | 8/30/96 |
| SC-07423-S | URANIUM-238 | 2.86  | 0.87 | 2.56  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3542  |     | WP0136.0 | 10/23/96 | 0000024689 | 8/30/96 |
| SC-07424-S | AROCOR-1248 | ND    |      | 42.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978025 | U   | QT1472.0 | 8/2/96   | 0000024689 | 8/30/96 |
| SC-07424-S | AROCOR-1254 | ND    |      | 42.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978025 | U   | QT1472.0 | 8/2/96   | 0000024689 | 8/30/96 |
| SC-07424-S | AROCOR-1260 | ND    |      | 42.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978025 | U   | QT1472.0 | 8/2/96   | 0000024689 | 8/30/96 |
| SC-07424-S | ARSENIC     | 3.80  |      | 0.51  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978025 |     | QT1472.0 | 8/1/96   | 0000024689 | 8/30/96 |
| SC-07424-S | CHROMIUM    | 13.70 |      | 0.59  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978025 |     | QT1472.0 | 8/1/96   | 0000024689 | 8/30/96 |
| SC-07424-S | LEAD        | 10.50 |      | 0.36  | UG/G  | J   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978025 |     | QT1472.0 | 8/1/96   | 0000024689 | 8/30/96 |
| SC-07424-S | RADIUM-226  | 1.25  | 0.12 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3543  |     | WP0136.0 | 10/24/96 | 0000024689 | 8/30/96 |
| SC-07424-S | RADIUM-226  | 1.24  | 0.17 | 0.64  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3543  |     | WP0136.0 | 10/24/96 | 0000024689 | 8/30/96 |
| SC-07424-S | THORIUM-230 | 0.93  | 0.16 | 0.03  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7835-25 |     | LK0460.0 | 9/4/96   | 0000024689 | 8/30/96 |
| SC-07424-S | URANIUM-238 | ND    |      | 3.82  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3543  |     | WP0136.0 | 10/24/96 | 0000024689 | 8/30/96 |
| SC-07425-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978026 | U   | QT1472.0 | 8/2/96   | 0000024689 | 8/30/96 |
| SC-07425-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978026 | U   | QT1472.0 | 8/2/96   | 0000024689 | 8/30/96 |
| SC-07425-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978026 | U   | QT1472.0 | 8/2/96   | 0000024689 | 8/30/96 |
| SC-07425-S | ARSENIC     | 4.90  |      | 0.49  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978026 |     | QT1472.0 | 8/1/96   | 0000024689 | 8/30/96 |
| SC-07425-S | CHROMIUM    | 19.30 |      | 0.57  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978026 |     | QT1472.0 | 8/1/96   | 0000024689 | 8/30/96 |
| SC-07425-S | LEAD        | 9.20  |      | 0.35  | UG/G  | J   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978026 |     | QT1472.0 | 8/1/96   | 0000024689 | 8/30/96 |
| SC-07425-S | RADIUM-226  | 1.04  | 0.11 | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3544  |     | WP0136.0 | 10/24/96 | 0000024689 | 8/30/96 |
| SC-07425-S | RADIUM-226  | 1.38  | 0.19 | 0.84  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3544  |     | WP0136.0 | 10/24/96 | 0000024689 | 8/30/96 |
| SC-07425-S | THORIUM-230 | 1.02  | 0.17 | 0.03  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7835-26 |     | LK0460.0 | 9/4/96   | 0000024689 | 8/30/96 |
| SC-07425-S | URANIUM-238 | ND    |      | 4.29  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3544  |     | WP0136.0 | 10/24/96 | 0000024689 | 8/30/96 |
| SC-07426-S | AROCOR-1248 | ND    |      | 42.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978027 | U   | QT1472.0 | 8/2/96   | 0000024689 | 8/30/96 |
| SC-07426-S | AROCOR-1254 | ND    |      | 42.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978027 | U   | QT1472.0 | 8/2/96   | 0000024689 | 8/30/96 |
| SC-07426-S | AROCOR-1260 | ND    |      | 42.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978027 | U   | QT1472.0 | 8/2/96   | 0000024689 | 8/30/96 |
| SC-07426-S | ARSENIC     | 7.00  |      | 0.51  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978027 |     | QT1472.0 | 8/1/96   | 0000024689 | 8/30/96 |
| SC-07426-S | CHROMIUM    | 16.10 |      | 0.59  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978027 |     | QT1472.0 | 8/1/96   | 0000024689 | 8/30/96 |
| SC-07426-S | LEAD        | 10.10 |      | 0.36  | UG/G  | J   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978027 |     | QT1472.0 | 8/1/96   | 0000024689 | 8/30/96 |
| SC-07426-S | RADIUM-226  | 1.13  | 0.10 | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3545  |     | WP0136.0 | 10/24/96 | 0000024689 | 8/30/96 |
| SC-07426-S | RADIUM-226  | 1.27  | 0.13 | 0.37  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3545  |     | WP0136.0 | 10/24/96 | 0000024689 | 8/30/96 |
| SC-07426-S | THORIUM-230 | 0.87  | 0.16 | 0.04  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7835-27 |     | LK0460.0 | 9/4/96   | 0000024689 | 8/30/96 |
| SC-07426-S | URANIUM-238 | ND    |      | 3.06  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3545  |     | WP0136.0 | 10/24/96 | 0000024689 | 8/30/96 |
| SC-07427-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978028 | U   | QT1472.0 | 8/2/96   | 0000024689 | 8/30/96 |
| SC-07427-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978028 | U   | QT1472.0 | 8/2/96   | 0000024689 | 8/30/96 |
| SC-07427-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11978028 | U   | QT1472.0 | 8/2/96   | 0000024689 | 8/30/96 |
| SC-07427-S | ARSENIC     | 8.00  |      | 0.46  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978028 |     | QT1472.0 | 8/1/96   | 0000024689 | 8/30/96 |
| SC-07427-S | CHROMIUM    | 17.00 |      | 0.53  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978028 |     | QT1472.0 | 8/1/96   | 0000024689 | 8/30/96 |
| SC-07427-S | LEAD        | 8.90  |      | 0.32  | UG/G  | J   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11978028 |     | QT1472.0 | 8/1/96   | 0000024689 | 8/30/96 |
| SC-07427-S | RADIUM-226  | 1.31  | 0.10 | 0.26  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3546  |     | WP0136.0 | 10/24/96 | 0000024689 | 8/30/96 |
| SC-07427-S | RADIUM-226  | 1.28  | 0.12 | 0.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3546  |     | WP0136.0 | 10/24/96 | 0000024689 | 8/30/96 |
| SC-07427-S | THORIUM-230 | 0.95  | 0.17 | 0.03  | PC/G  | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00 | L7835-28 |     | LK0460.0 | 9/4/96   | 0000024689 | 8/30/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL FACT | LAB ID   | LAB QUAL | LAB REQ  | DATE ANAL | SAMPLINK   | DATE SAMPLED |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|---------|----------|----------|----------|-----------|------------|--------------|
| SC-07427-S | URANIUM-238 | ND    |      | 3.18  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3548  |          | WP0136.0 | 10/24/96  | 0000024693 | 8/30/96      |
| SC-07428-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11976029 | U        | QT1472.0 | 9/2/96    | 0000024694 | 8/30/96      |
| SC-07428-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11976029 | U        | QT1472.0 | 9/2/96    | 0000024694 | 8/30/96      |
| SC-07428-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | U   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11976029 | U        | QT1472.0 | 9/2/96    | 0000024694 | 8/30/96      |
| SC-07428-S | ARSENIC     | 5.00  |      | 0.48  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11976029 |          | QT1472.0 | 9/1/96    | 0000024694 | 8/30/96      |
| SC-07428-S | CHROMIUM    | 13.60 |      | 0.58  | UG/G  | A   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11976029 |          | QT1472.0 | 9/1/96    | 0000024694 | 8/30/96      |
| SC-07428-S | LEAD        | 18.30 |      | 0.34  | UG/G  | J   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11976029 |          | QT1472.0 | 9/1/96    | 0000024694 | 8/30/96      |
| SC-07428-S | RADIUM-226  | 1.33  | 0.13 | 0.34  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3547  |          | WP0136.0 | 10/24/96  | 0000024694 | 8/30/96      |
| SC-07428-S | RADIUM-226  | ND    |      | 1.38  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3547  |          | WP0136.0 | 10/24/96  | 0000024694 | 8/30/96      |
| SC-07428-S | THORIUM-230 | 0.94  | 0.17 | 0.04  | PC/KG | *   |      |          | EPA 907.0 | SOIL   | RADIOCHEMICAL | 1.00    | L7835-28 |          | LK0480.0 | 8/4/96    | 0000024694 | 8/30/96      |
| SC-07428-S | URANIUM-238 | ND    |      | 4.04  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3547  |          | WP0136.0 | 10/24/96  | 0000024694 | 8/30/96      |
| SC-07501-S | URANIUM-238 | ND    |      | 3.82  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3550  |          | WP0137.0 | 9/5/96    | 0000024695 | 9/5/96       |
| SC-07501-U | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12017002 | U        | QT1474.0 | 9/5/96    | 0000029924 | 9/5/96       |
| SC-07501-U | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12017002 | U        | QT1474.0 | 9/5/96    | 0000029924 | 9/5/96       |
| SC-07501-U | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12017002 | U        | QT1474.0 | 9/5/96    | 0000029924 | 9/5/96       |
| SC-07501-U | ARSENIC     | 5.80  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12017002 |          | QT1474.0 | 9/5/96    | 0000029924 | 9/5/96       |
| SC-07501-U | CHROMIUM    | 28.40 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12017002 |          | QT1474.0 | 9/5/96    | 0000029924 | 9/5/96       |
| SC-07501-U | LEAD        | 8.20  |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12017002 |          | QT1474.0 | 9/5/96    | 0000029924 | 9/5/96       |
| SC-07501-U | RADIUM-226  | 1.13  | 0.09 | 0.28  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3551  |          | WP0137.0 | 10/24/96  | 0000029924 | 9/5/96       |
| SC-07501-U | RADIUM-226  | 1.36  | 0.13 | 0.43  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3551  |          | WP0137.0 | 10/24/96  | 0000029924 | 9/5/96       |
| SC-07501-U | THALLIUM    | 1.00  |      | 0.75  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12017002 | B        | QT1474.0 | 9/5/96    | 0000029924 | 9/5/96       |
| SC-07501-U | THORIUM-230 | 1.00  | 0.11 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3551  |          | WP0137.0 | 9/5/96    | 0000029924 | 9/5/96       |
| SC-07501-U | URANIUM-238 | ND    |      | 3.18  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3551  |          | WP0137.0 | 10/24/96  | 0000029924 | 9/5/96       |
| SC-07502-S | URANIUM-238 | ND    |      | 3.82  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3552  |          | WP0137.0 | 9/5/96    | 0000024695 | 9/5/96       |
| SC-07502-U | AROCOR-1248 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12017003 | U        | QT1474.0 | 9/5/96    | 0000029925 | 9/5/96       |
| SC-07502-U | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12017003 | U        | QT1474.0 | 9/5/96    | 0000029925 | 9/5/96       |
| SC-07502-U | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12017003 | U        | QT1474.0 | 9/5/96    | 0000029925 | 9/5/96       |
| SC-07502-U | ARSENIC     | 6.40  |      | 0.45  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12017003 |          | QT1474.0 | 9/5/96    | 0000029925 | 9/5/96       |
| SC-07502-U | CHROMIUM    | 13.60 |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12017003 |          | QT1474.0 | 9/5/96    | 0000029925 | 9/5/96       |
| SC-07502-U | LEAD        | 14.50 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12017003 |          | QT1474.0 | 9/5/96    | 0000029925 | 9/5/96       |
| SC-07502-U | RADIUM-226  | 1.99  | 0.11 | 0.34  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3553  |          | WP0137.0 | 10/24/96  | 0000029925 | 9/5/96       |
| SC-07502-U | RADIUM-226  | 1.13  | 0.16 | 0.61  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3553  |          | WP0137.0 | 10/24/96  | 0000029925 | 9/5/96       |
| SC-07502-U | THALLIUM    | ND    |      | 0.72  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12017003 | U        | QT1474.0 | 9/5/96    | 0000029925 | 9/5/96       |
| SC-07502-U | THORIUM-230 | 1.06  | 0.12 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3553  |          | WP0137.0 | 9/5/96    | 0000029925 | 9/5/96       |
| SC-07502-U | URANIUM-238 | 2.93  | 0.74 | 2.63  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3553  |          | WP0137.0 | 10/24/96  | 0000029925 | 9/5/96       |
| SC-07503-S | URANIUM-238 | ND    |      | 2.93  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3554  |          | WP0137.0 | 9/5/96    | 0000024697 | 9/5/96       |
| SC-07503-U | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12017004 | U        | QT1474.0 | 9/5/96    | 0000029926 | 9/5/96       |
| SC-07503-U | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12017004 | U        | QT1474.0 | 9/5/96    | 0000029926 | 9/5/96       |
| SC-07503-U | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 12017004 | U        | QT1474.0 | 9/5/96    | 0000029926 | 9/5/96       |
| SC-07503-U | ARSENIC     | 8.10  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12017004 |          | QT1474.0 | 9/5/96    | 0000029926 | 9/5/96       |
| SC-07503-U | CHROMIUM    | 17.30 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12017004 |          | QT1474.0 | 9/5/96    | 0000029926 | 9/5/96       |
| SC-07503-U | LEAD        | 23.30 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12017004 |          | QT1474.0 | 9/5/96    | 0000029926 | 9/5/96       |
| SC-07503-U | RADIUM-226  | 1.21  | 0.12 | 0.30  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3556  |          | WP0137.0 | 10/24/96  | 0000029926 | 9/5/96       |
| SC-07503-U | RADIUM-226  | ND    |      | 1.34  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3556  |          | WP0137.0 | 10/24/96  | 0000029926 | 9/5/96       |
| SC-07503-U | THALLIUM    | -0.75 |      | 0.76  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12017004 | B        | QT1474.0 | 9/5/96    | 0000029926 | 9/5/96       |
| SC-07503-U | THORIUM-230 | 0.96  | 0.10 | 0.72  | PC/KG | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3556  |          | WP0137.0 | 9/5/96    | 0000029926 | 9/5/96       |
| SC-07503-U | URANIUM-238 | ND    |      | 4.07  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3556  |          | WP0137.0 | 10/24/96  | 0000029926 | 9/5/96       |
| SC-07504-S | URANIUM-238 | ND    |      | 3.60  | PC/KG | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3557  |          | WP0137.0 | 9/5/96    | 0000024698 | 9/5/96       |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB  | LAB      | DATE     | SAMPLING   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|------|----------|----------|------------|---------|
|            |             |       |      |       |       |     |      |          |           |        |               | FACT | ID       | QUAL | REQU     | ANA      | LINK       | SAMPLED |
| SC-07505-S | URANIUM-238 | 5.13  | 0.93 | 3.03  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3558  |      | WP0137.0 | 9/5/96   | 0000024689 | 9/5/96  |
| SC-07506-S | URANIUM-238 | 4.81  | 0.89 | 3.56  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3559  |      | WP0137.0 | 9/5/96   | 0000024700 | 9/5/96  |
| SC-07507-S | URANIUM-238 | 12.40 | 1.81 | 3.48  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3560  |      | WP0137.0 | 9/5/96   | 0000024701 | 9/5/96  |
| SC-07508-S | AROCLO-1248 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12017005 | U    | QT1474.0 | 9/5/96   | 0000024702 | 9/5/96  |
| SC-07508-S | AROCLO-1254 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12017005 | U    | QT1474.0 | 9/5/96   | 0000024702 | 9/5/96  |
| SC-07508-S | AROCLO-1260 | ND    |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12017005 | U    | QT1474.0 | 9/5/96   | 0000024702 | 9/5/96  |
| SC-07508-S | ARSENIC     | 4.90  |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12017005 |      | QT1474.0 | 9/5/96   | 0000024702 | 9/5/96  |
| SC-07508-S | CHROMIUM    | 14.10 |      | 0.59  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12017005 |      | QT1474.0 | 9/5/96   | 0000024702 | 9/5/96  |
| SC-07508-S | LEAD        | 12.60 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12017005 |      | QT1474.0 | 9/5/96   | 0000024702 | 9/5/96  |
| SC-07508-S | RADIUM-226  | 1.35  | 0.11 | 0.37  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3561  |      | WP0137.0 | 10/24/96 | 0000024702 | 9/5/96  |
| SC-07508-S | RADIUM-226  | 1.53  | 0.16 | 0.53  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3561  |      | WP0137.0 | 10/24/96 | 0000024702 | 9/5/96  |
| SC-07508-S | THALLIUM    | ND    |      | 0.83  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12017005 | U    | QT1474.0 | 9/5/96   | 0000024702 | 9/5/96  |
| SC-07508-S | THORIUM-230 | 1.08  | 0.12 | 0.72  | PCI/G | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3561  |      | WP0137.0 | 9/5/96   | 0000024702 | 9/5/96  |
| SC-07508-S | URANIUM-238 | 10.10 | 1.56 | 4.00  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3561  |      | WP0137.0 | 10/24/96 | 0000024702 | 9/5/96  |
| SC-07509-S | URANIUM-238 | ND    |      | 2.94  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3562  |      | WP0137.0 | 9/5/96   | 0000024703 | 9/5/96  |
| SC-07510-S | URANIUM-238 | ND    |      | 4.01  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3563  |      | WP0137.0 | 9/5/96   | 0000024704 | 9/5/96  |
| SC-07511-S | URANIUM-238 | ND    |      | 2.96  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3564  |      | WP0137.0 | 9/5/96   | 0000024705 | 9/5/96  |
| SC-07512-S | AROCLO-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12017006 | U    | QT1474.0 | 9/5/96   | 0000024706 | 9/5/96  |
| SC-07512-S | AROCLO-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12017006 | U    | QT1474.0 | 9/5/96   | 0000024706 | 9/5/96  |
| SC-07512-S | AROCLO-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12017006 | U    | QT1474.0 | 9/5/96   | 0000024706 | 9/5/96  |
| SC-07512-S | URANIUM-238 | ND    |      | 3.27  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3565  |      | WP0137.0 | 9/5/96   | 0000024706 | 9/5/96  |
| SC-07513-S | AROCLO-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12017010 | U    | QT1474.0 | 9/5/96   | 0000024707 | 9/5/96  |
| SC-07513-S | AROCLO-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12017010 | U    | QT1474.0 | 9/5/96   | 0000024707 | 9/5/96  |
| SC-07513-S | AROCLO-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12017010 | U    | QT1474.0 | 9/5/96   | 0000024707 | 9/5/96  |
| SC-07513-S | URANIUM-238 | ND    |      | 3.77  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3566  |      | WP0137.0 | 9/5/96   | 0000024707 | 9/5/96  |
| SC-07514-S | URANIUM-238 | 3.65  | 1.10 | 3.33  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3567  |      | WP0137.0 | 9/5/96   | 0000024708 | 9/5/96  |
| SC-07515-S | URANIUM-238 | ND    |      | 3.25  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3568  |      | WP0137.0 | 9/5/96   | 0000024709 | 9/5/96  |
| SC-07516-S | URANIUM-238 | ND    |      | 3.20  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3569  |      | WP0137.0 | 9/5/96   | 0000024710 | 9/5/96  |
| SC-07517-S | URANIUM-238 | ND    |      | 4.38  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3570  |      | WP0137.0 | 9/5/96   | 0000024711 | 9/5/96  |
| SC-07518-S | AROCLO-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12017006 | U    | QT1474.0 | 9/5/96   | 0000024712 | 9/5/96  |
| SC-07518-S | AROCLO-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12017006 | U    | QT1474.0 | 9/5/96   | 0000024712 | 9/5/96  |
| SC-07518-S | AROCLO-1260 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12017006 | U    | QT1474.0 | 9/5/96   | 0000024712 | 9/5/96  |
| SC-07518-S | ARSENIC     | 8.20  |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12017006 |      | QT1474.0 | 9/5/96   | 0000024712 | 9/5/96  |
| SC-07518-S | CHROMIUM    | 15.70 |      | 0.56  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12017006 |      | QT1474.0 | 9/5/96   | 0000024712 | 9/5/96  |
| SC-07518-S | LEAD        | 11.80 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12017006 |      | QT1474.0 | 9/5/96   | 0000024712 | 9/5/96  |
| SC-07519-S | RADIUM-226  | 1.19  | 0.11 | 0.30  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3571  |      | WP0137.0 | 10/24/96 | 0000024712 | 9/5/96  |
| SC-07519-S | RADIUM-226  | 1.43  | 0.18 | 0.50  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3571  |      | WP0137.0 | 10/24/96 | 0000024712 | 9/5/96  |
| SC-07519-S | THALLIUM    | ND    |      | 0.79  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12017006 | U    | QT1474.0 | 9/5/96   | 0000024712 | 9/5/96  |
| SC-07519-S | THORIUM-230 | 0.98  | 0.10 | 0.72  | PCI/G | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3571  |      | WP0137.0 | 9/5/96   | 0000024712 | 9/5/96  |
| SC-07519-S | URANIUM-238 | ND    |      | 4.12  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3571  |      | WP0137.0 | 10/24/96 | 0000024712 | 9/5/96  |
| SC-07519-S | AROCLO-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12017007 | U    | QT1474.0 | 9/5/96   | 0000024713 | 9/5/96  |
| SC-07519-S | AROCLO-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12017007 | U    | QT1474.0 | 9/5/96   | 0000024713 | 9/5/96  |
| SC-07519-S | AROCLO-1260 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 12017007 | U    | QT1474.0 | 9/5/96   | 0000024713 | 9/5/96  |
| SC-07519-S | ARSENIC     | 4.20  |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12017007 |      | QT1474.0 | 9/5/96   | 0000024713 | 9/5/96  |
| SC-07519-S | CHROMIUM    | 14.20 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12017007 |      | QT1474.0 | 9/5/96   | 0000024713 | 9/5/96  |
| SC-07519-S | LEAD        | 12.00 |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 12017007 |      | QT1474.0 | 9/5/96   | 0000024713 | 9/5/96  |
| SC-07519-S | RADIUM-226  | 1.27  | 0.09 | 0.22  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3572  |      | WP0137.0 | 10/24/96 | 0000024713 | 9/5/96  |
| SC-07519-S | RADIUM-226  | 1.72  | 0.15 | 0.48  | PCI/G | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3572  |      | WP0137.0 | 10/24/96 | 0000024713 | 9/5/96  |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL FACT | LAB ID   | LAB QUAL | LAB REQD | DATE ANA | SAMPLING   | DATE SAMPLED |
|------------|-------------|-------|------|-------|-------|----------|----------|-----------|--------|---------------|---------|----------|----------|----------|----------|------------|--------------|
| SC-07519-S | THALLIUM    | ND    |      | 0.81  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00    | 12017007 | U        | QT1474.0 | 9/8/98   | 0000024713 | 9/5/98       |
| SC-07519-S | THORIUM-230 | 1.17  | 0.13 | 0.72  | PC/G  | *        |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3572  |          | WP0137.0 | 9/8/98   | 0000024713 | 9/5/98       |
| SC-07519-S | URANIUM-238 | 5.87  | 1.10 | 3.71  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3572  |          | WP0137.0 | 10/24/98 | 0000024713 | 9/5/98       |
| SC-07520-S | URANIUM-238 | 3.28  | 0.75 | 2.80  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3443  |          | WP0132.0 | 8/31/98  | 0000024714 | 8/28/98      |
| SC-07521-S | URANIUM-238 | 3.27  | 0.74 | 2.86  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3574  |          | WP0137.0 | 9/8/98   | 0000024715 | 9/5/98       |
| SC-07601-C | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11970002 | U        | QT1470.0 | 9/1/98   | 0000024717 | 8/29/98      |
| SC-07601-C | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11970002 | U        | QT1470.0 | 9/1/98   | 0000024717 | 8/29/98      |
| SC-07601-C | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11970002 | U        | QT1470.0 | 9/1/98   | 0000024717 | 8/29/98      |
| SC-07601-C | ARSENIC     | 5.50  |      | 0.49  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11970002 |          | QT1470.0 | 8/30/98  | 0000024717 | 8/29/98      |
| SC-07601-C | CHROMIUM    | 11.90 |      | 0.58  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11970002 |          | QT1470.0 | 8/30/98  | 0000024717 | 8/29/98      |
| SC-07601-C | LEAD        | 14.90 |      | 0.34  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11970002 |          | QT1470.0 | 8/30/98  | 0000024717 | 8/29/98      |
| SC-07601-C | RADIUM-226  | 1.35  | 0.13 | 0.30  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3487  |          | WP0134.0 | 10/22/98 | 0000024717 | 8/29/98      |
| SC-07601-C | RADIUM-228  | 1.12  | 0.16 | 0.43  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3487  |          | WP0134.0 | 10/22/98 | 0000024717 | 8/29/98      |
| SC-07601-C | THORIUM-230 | 0.84  | 0.09 | 0.72  | PC/G  | *        |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3487  |          | WP0134.0 | 9/4/98   | 0000024717 | 8/29/98      |
| SC-07601-C | URANIUM-238 | 4.74  | 1.45 | 4.11  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3487  |          | WP0134.0 | 10/22/98 | 0000024717 | 8/29/98      |
| SC-07601-S | AROCOR-1248 | ND    |      | 37.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11970003 | U        | QT1470.0 | 9/1/98   | 0000024718 | 8/29/98      |
| SC-07601-S | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11970003 | U        | QT1470.0 | 9/1/98   | 0000024718 | 8/29/98      |
| SC-07601-S | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11970003 | U        | QT1470.0 | 9/1/98   | 0000024718 | 8/29/98      |
| SC-07601-S | ARSENIC     | 6.30  |      | 0.45  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11970003 |          | QT1470.0 | 8/30/98  | 0000024718 | 8/29/98      |
| SC-07601-S | CHROMIUM    | 18.90 |      | 0.52  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11970003 |          | QT1470.0 | 8/30/98  | 0000024718 | 8/29/98      |
| SC-07601-S | LEAD        | 12.70 |      | 0.31  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11970003 |          | QT1470.0 | 8/30/98  | 0000024718 | 8/29/98      |
| SC-07601-S | RADIUM-226  | 1.22  | 0.10 | 0.33  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3488  |          | WP0134.0 | 10/22/98 | 0000024718 | 8/29/98      |
| SC-07601-S | RADIUM-228  | 1.58  | 0.13 | 0.44  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3488  |          | WP0134.0 | 10/22/98 | 0000024718 | 8/29/98      |
| SC-07601-S | THORIUM-230 | 0.92  | 0.07 | 0.72  | PC/G  | *        |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3488  |          | WP0134.0 | 9/4/98   | 0000024718 | 8/29/98      |
| SC-07601-S | URANIUM-238 | 5.89  | 1.10 | 3.19  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3488  |          | WP0134.0 | 10/22/98 | 0000024718 | 8/29/98      |
| SC-07602-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11970004 | U        | QT1470.0 | 9/1/98   | 0000024718 | 8/29/98      |
| SC-07602-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11970004 | U        | QT1470.0 | 9/1/98   | 0000024718 | 8/29/98      |
| SC-07602-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11970004 | U        | QT1470.0 | 9/1/98   | 0000024718 | 8/29/98      |
| SC-07602-S | ARSENIC     | 6.30  |      | 0.48  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11970004 |          | QT1470.0 | 8/30/98  | 0000024718 | 8/29/98      |
| SC-07602-S | CHROMIUM    | 18.10 |      | 0.55  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11970004 |          | QT1470.0 | 8/30/98  | 0000024718 | 8/29/98      |
| SC-07602-S | LEAD        | 10.90 |      | 0.34  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11970004 |          | QT1470.0 | 8/30/98  | 0000024718 | 8/29/98      |
| SC-07602-S | RADIUM-226  | 1.14  | 0.12 | 0.34  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3489  |          | WP0134.0 | 10/22/98 | 0000024718 | 8/29/98      |
| SC-07602-S | RADIUM-228  | 1.27  | 0.18 | 0.53  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3489  |          | WP0134.0 | 10/22/98 | 0000024718 | 8/29/98      |
| SC-07602-S | THORIUM-230 | 0.94  | 0.10 | 0.72  | PC/G  | *        |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3489  |          | WP0134.0 | 9/4/98   | 0000024718 | 8/29/98      |
| SC-07602-S | URANIUM-238 | ND    |      | 4.31  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3489  |          | WP0134.0 | 10/22/98 | 0000024718 | 8/29/98      |
| SC-07603-C | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11970005 | U        | QT1470.0 | 9/1/98   | 0000024720 | 8/29/98      |
| SC-07603-C | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11970005 | U        | QT1470.0 | 9/1/98   | 0000024720 | 8/29/98      |
| SC-07603-C | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11970005 | U        | QT1470.0 | 9/1/98   | 0000024720 | 8/29/98      |
| SC-07603-C | ARSENIC     | 6.80  |      | 0.48  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11970005 |          | QT1470.0 | 8/30/98  | 0000024720 | 8/29/98      |
| SC-07603-C | CHROMIUM    | 18.50 |      | 0.55  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11970005 |          | QT1470.0 | 8/30/98  | 0000024720 | 8/29/98      |
| SC-07603-C | LEAD        | 12.80 |      | 0.33  | UG/G  | *        |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11970005 |          | QT1470.0 | 8/30/98  | 0000024720 | 8/29/98      |
| SC-07603-C | RADIUM-226  | 1.45  | 0.10 | 0.27  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3490  |          | WP0134.0 | 10/22/98 | 0000024720 | 8/29/98      |
| SC-07603-C | RADIUM-228  | 1.38  | 0.14 | 0.35  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3490  |          | WP0134.0 | 10/22/98 | 0000024720 | 8/29/98      |
| SC-07603-C | THORIUM-230 | 1.22  | 0.14 | 0.72  | PC/G  | *        |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3490  |          | WP0134.0 | 9/4/98   | 0000024720 | 8/29/98      |
| SC-07603-C | URANIUM-238 | 2.98  | 0.78 | 2.96  | PC/G  | *        |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3490  |          | WP0134.0 | 10/22/98 | 0000024720 | 8/29/98      |
| SC-07603-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11970006 | U        | QT1470.0 | 9/1/98   | 0000024719 | 8/29/98      |
| SC-07603-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11970006 | U        | QT1470.0 | 9/1/98   | 0000024719 | 8/29/98      |
| SC-07603-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *        |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11970006 | U        | QT1470.0 | 9/1/98   | 0000024719 | 8/29/98      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB | LAB      | DATE     | SAMPLINK   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|-----|----------|----------|------------|---------|
| SC-07803-S | ARSENIC     | 10.00 |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11970006 |     | QT1470.0 | 8/30/96  | 0000024719 | 8/29/96 |
| SC-07803-S | CHROMIUM    | 15.70 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11970006 |     | QT1470.0 | 8/30/96  | 0000024719 | 8/29/96 |
| SC-07803-S | LEAD        | 13.80 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11970006 |     | QT1470.0 | 8/30/96  | 0000024719 | 8/29/96 |
| SC-07803-S | RADIUM-226  | 1.16  | 0.11 | 0.38  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3491  |     | WP0134.0 | 10/23/96 | 0000024719 | 8/29/96 |
| SC-07803-S | RADIUM-228  | 1.28  | 0.17 | 0.29  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3491  |     | WP0134.0 | 10/23/96 | 0000024719 | 8/29/96 |
| SC-07803-S | THORIUM-230 | 1.16  | 0.14 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3491  |     | WP0134.0 | 9/4/96   | 0000024719 | 8/29/96 |
| SC-07803-S | URANIUM-238 | -1.69 | 0.94 | 3.00  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3491  |     | WP0134.0 | 10/23/96 | 0000024719 | 8/29/96 |
| SC-07804-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11970007 | U   | QT1470.0 | 9/1/96   | 0000024721 | 8/29/96 |
| SC-07804-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11970007 | U   | QT1470.0 | 9/1/96   | 0000024721 | 8/29/96 |
| SC-07804-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11970007 | U   | QT1470.0 | 9/1/96   | 0000024721 | 8/29/96 |
| SC-07804-S | ARSENIC     | 8.00  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11970007 |     | QT1470.0 | 8/30/96  | 0000024721 | 8/29/96 |
| SC-07804-S | CHROMIUM    | 14.20 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11970007 |     | QT1470.0 | 8/30/96  | 0000024721 | 8/29/96 |
| SC-07804-S | LEAD        | 15.40 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11970007 |     | QT1470.0 | 8/30/96  | 0000024721 | 8/29/96 |
| SC-07804-S | RADIUM-226  | 1.54  | 0.10 | 0.29  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3492  |     | WP0134.0 | 10/23/96 | 0000024721 | 8/29/96 |
| SC-07804-S | RADIUM-228  | 1.57  | 0.16 | 0.52  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3492  |     | WP0134.0 | 10/23/96 | 0000024721 | 8/29/96 |
| SC-07804-S | THORIUM-230 | 0.84  | 0.09 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3492  |     | WP0134.0 | 9/4/96   | 0000024721 | 8/29/96 |
| SC-07804-S | URANIUM-238 | ND    |      | 3.02  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3492  |     | WP0134.0 | 10/23/96 | 0000024721 | 8/29/96 |
| SC-07805-S | AROCOR-1248 | ND    |      | 35.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11970008 | U   | QT1470.0 | 9/1/96   | 0000024722 | 8/29/96 |
| SC-07805-S | AROCOR-1254 | ND    |      | 35.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11970008 | U   | QT1470.0 | 9/1/96   | 0000024722 | 8/29/96 |
| SC-07805-S | AROCOR-1260 | ND    |      | 35.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11970008 | U   | QT1470.0 | 9/1/96   | 0000024722 | 8/29/96 |
| SC-07805-S | ARSENIC     | 8.50  |      | 0.43  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11970008 |     | QT1470.0 | 8/30/96  | 0000024722 | 8/29/96 |
| SC-07805-S | CHROMIUM    | 18.30 |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11970008 |     | QT1470.0 | 8/30/96  | 0000024722 | 8/29/96 |
| SC-07805-S | LEAD        | 12.80 |      | 0.30  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11970008 |     | QT1470.0 | 8/30/96  | 0000024722 | 8/29/96 |
| SC-07805-S | RADIUM-226  | 1.19  | 0.12 | 0.40  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3493  |     | WP0134.0 | 10/23/96 | 0000024722 | 8/29/96 |
| SC-07805-S | RADIUM-228  | 1.18  | 0.20 | 0.58  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3493  |     | WP0134.0 | 10/23/96 | 0000024722 | 8/29/96 |
| SC-07805-S | THORIUM-230 | 0.95  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3493  |     | WP0134.0 | 9/4/96   | 0000024722 | 8/29/96 |
| SC-07805-S | URANIUM-238 | ND    |      | 4.25  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3493  |     | WP0134.0 | 10/23/96 | 0000024722 | 8/29/96 |
| SC-07806-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11970009 | U   | QT1470.0 | 9/1/96   | 0000024723 | 8/29/96 |
| SC-07806-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11970009 | U   | QT1470.0 | 9/1/96   | 0000024723 | 8/29/96 |
| SC-07806-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11970009 | U   | QT1470.0 | 9/1/96   | 0000024723 | 8/29/96 |
| SC-07806-S | ARSENIC     | 15.80 |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11970009 |     | QT1470.0 | 8/30/96  | 0000024723 | 8/29/96 |
| SC-07806-S | CHROMIUM    | 18.80 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11970009 |     | QT1470.0 | 8/30/96  | 0000024723 | 8/29/96 |
| SC-07806-S | LEAD        | 13.00 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11970009 |     | QT1470.0 | 8/30/96  | 0000024723 | 8/29/96 |
| SC-07806-S | RADIUM-226  | 1.58  | 0.11 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3494  |     | WP0134.0 | 10/23/96 | 0000024723 | 8/29/96 |
| SC-07806-S | RADIUM-228  | 1.23  | 0.14 | 0.49  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3494  |     | WP0134.0 | 10/23/96 | 0000024723 | 8/29/96 |
| SC-07806-S | THORIUM-230 | 1.31  | 0.16 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3494  |     | WP0134.0 | 9/5/96   | 0000024723 | 8/29/96 |
| SC-07806-S | URANIUM-238 | ND    |      | 3.32  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3494  |     | WP0134.0 | 10/23/96 | 0000024723 | 8/29/96 |
| SC-07807-C | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11970010 | U   | QT1470.0 | 9/1/96   | 0000024725 | 8/29/96 |
| SC-07807-C | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11970010 | U   | QT1470.0 | 9/1/96   | 0000024725 | 8/29/96 |
| SC-07807-C | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11970010 | U   | QT1470.0 | 9/1/96   | 0000024725 | 8/29/96 |
| SC-07807-C | ARSENIC     | 10.90 |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11970010 |     | QT1470.0 | 8/30/96  | 0000024725 | 8/29/96 |
| SC-07807-C | CHROMIUM    | 15.40 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11970010 |     | QT1470.0 | 8/30/96  | 0000024725 | 8/29/96 |
| SC-07807-C | LEAD        | 17.20 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11970010 |     | QT1470.0 | 8/30/96  | 0000024725 | 8/29/96 |
| SC-07807-C | RADIUM-226  | 1.28  | 0.12 | 0.42  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3495  |     | WP0134.0 | 10/23/96 | 0000024725 | 8/29/96 |
| SC-07807-C | RADIUM-228  | ND    |      | 1.18  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3495  |     | WP0134.0 | 10/23/96 | 0000024725 | 8/29/96 |
| SC-07807-C | THORIUM-230 | 0.97  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3495  |     | WP0134.0 | 9/5/96   | 0000024725 | 8/29/96 |
| SC-07807-C | URANIUM-238 | ND    |      | 4.21  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3495  |     | WP0134.0 | 10/23/96 | 0000024725 | 8/29/96 |
| SC-07807-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11970011 | U   | QT1470.0 | 9/1/96   | 0000024724 | 8/29/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL<br>QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL<br>FACT | LAB<br>ID | LAB<br>QUAL | LAB<br>REQD | DATE<br>ANA | SAMPLINK   | DATE<br>SAMPLED |
|------------|-------------|-------|------|-------|-------|-------------|----------|-----------|--------|---------------|-------------|-----------|-------------|-------------|-------------|------------|-----------------|
| SC-07607-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 11970011  | U           | QT1470.0    | 8/1/98      | 0000024724 | 8/29/98         |
| SC-07607-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 11970011  | U           | QT1470.0    | 8/1/98      | 0000024724 | 8/29/98         |
| SC-07607-S | ARSENIC     | 6.20  |      | 0.47  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 11970011  |             | QT1470.0    | 8/30/98     | 0000024724 | 8/29/98         |
| SC-07607-S | CHROMIUM    | 18.00 |      | 0.54  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 11970011  |             | QT1470.0    | 8/30/98     | 0000024724 | 8/29/98         |
| SC-07607-S | LEAD        | 9.70  |      | 0.33  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 11970011  |             | QT1470.0    | 8/30/98     | 0000024724 | 8/29/98         |
| SC-07607-S | RADIUM-226  | 1.23  | 0.10 | 0.27  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3496   |             | WP0134.0    | 10/23/98    | 0000024724 | 8/29/98         |
| SC-07607-S | RADIUM-228  | 1.23  | 0.12 | 0.40  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3496   |             | WP0134.0    | 10/23/98    | 0000024724 | 8/29/98         |
| SC-07607-S | THORIUM-230 | 0.99  | 0.11 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3496   |             | WP0134.0    | 8/5/98      | 0000024724 | 8/29/98         |
| SC-07607-S | URANIUM-238 | ND    |      | 3.27  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3496   |             | WP0134.0    | 10/23/98    | 0000024724 | 8/29/98         |
| SC-07608-C | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 11970012  | U           | QT1470.0    | 8/1/98      | 0000024726 | 8/29/98         |
| SC-07608-C | AROCOR-1264 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 11970012  | U           | QT1470.0    | 8/1/98      | 0000024726 | 8/29/98         |
| SC-07608-C | AROCOR-1280 | ND    |      | 40.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 11970012  | U           | QT1470.0    | 8/1/98      | 0000024726 | 8/29/98         |
| SC-07608-C | ARSENIC     | 5.40  |      | 0.49  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 11970012  |             | QT1470.0    | 8/30/98     | 0000024726 | 8/29/98         |
| SC-07608-C | CHROMIUM    | 12.90 |      | 0.56  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 11970012  |             | QT1470.0    | 8/30/98     | 0000024726 | 8/29/98         |
| SC-07608-C | LEAD        | 8.00  |      | 0.34  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 11970012  |             | QT1470.0    | 8/30/98     | 0000024726 | 8/29/98         |
| SC-07608-C | RADIUM-226  | 1.40  | 0.12 | 0.12  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3497   |             | WP0134.0    | 10/23/98    | 0000024726 | 8/29/98         |
| SC-07608-C | RADIUM-228  | 1.63  | 0.20 | 0.66  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3497   |             | WP0134.0    | 10/23/98    | 0000024726 | 8/29/98         |
| SC-07608-C | THORIUM-230 | 0.90  | 0.10 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3497   |             | WP0134.0    | 8/5/98      | 0000024726 | 8/29/98         |
| SC-07608-C | URANIUM-238 | ND    |      | 4.03  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3497   |             | WP0134.0    | 10/23/98    | 0000024726 | 8/29/98         |
| SC-07608-S | AROCOR-1248 | ND    |      | 44.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 11970013  | U           | QT1470.0    | 8/1/98      | 0000024727 | 8/29/98         |
| SC-07608-S | AROCOR-1254 | ND    |      | 44.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 11970013  | U           | QT1470.0    | 8/1/98      | 0000024727 | 8/29/98         |
| SC-07608-S | AROCOR-1260 | ND    |      | 44.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 11970013  | U           | QT1470.0    | 8/1/98      | 0000024727 | 8/29/98         |
| SC-07608-S | ARSENIC     | 6.90  |      | 0.53  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 11970013  |             | QT1470.0    | 8/30/98     | 0000024727 | 8/29/98         |
| SC-07608-S | CHROMIUM    | 14.00 |      | 0.60  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 11970013  |             | QT1470.0    | 8/30/98     | 0000024727 | 8/29/98         |
| SC-07608-S | LEAD        | 9.80  |      | 0.37  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 11970013  |             | QT1470.0    | 8/30/98     | 0000024727 | 8/29/98         |
| SC-07608-S | RADIUM-226  | 1.18  | 0.09 | 0.30  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3498   |             | WP0134.0    | 10/23/98    | 0000024727 | 8/29/98         |
| SC-07608-S | RADIUM-228  | 1.38  | 0.14 | 0.30  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3498   |             | WP0134.0    | 10/23/98    | 0000024727 | 8/29/98         |
| SC-07608-S | THORIUM-230 | 0.94  | 0.10 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3498   |             | WP0134.0    | 8/5/98      | 0000024727 | 8/29/98         |
| SC-07608-S | URANIUM-238 | ND    |      | 3.06  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3498   |             | WP0134.0    | 10/23/98    | 0000024727 | 8/29/98         |
| SC-07609-S | AROCOR-1248 | ND    |      | 37.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 11970014  | U           | QT1470.0    | 8/1/98      | 0000024728 | 8/29/98         |
| SC-07609-S | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 11970014  | U           | QT1470.0    | 8/1/98      | 0000024728 | 8/29/98         |
| SC-07609-S | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 11970014  | U           | QT1470.0    | 8/1/98      | 0000024728 | 8/29/98         |
| SC-07609-S | ARSENIC     | 5.90  |      | 0.45  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 11970014  |             | QT1470.0    | 8/30/98     | 0000024728 | 8/29/98         |
| SC-07609-S | CHROMIUM    | 13.80 |      | 0.61  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 11970014  |             | QT1470.0    | 8/30/98     | 0000024728 | 8/29/98         |
| SC-07609-S | LEAD        | 9.80  |      | 0.31  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 11970014  |             | QT1470.0    | 8/30/98     | 0000024728 | 8/29/98         |
| SC-07609-S | RADIUM-226  | 1.34  | 0.12 | 0.44  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3499   |             | WP0134.0    | 10/23/98    | 0000024728 | 8/29/98         |
| SC-07609-S | RADIUM-228  | 1.34  | 0.17 | 0.63  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3499   |             | WP0134.0    | 10/23/98    | 0000024728 | 8/29/98         |
| SC-07609-S | THORIUM-230 | 0.93  | 0.10 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3499   |             | WP0134.0    | 8/5/98      | 0000024728 | 8/29/98         |
| SC-07609-S | URANIUM-238 | ND    |      | 4.30  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3499   |             | WP0134.0    | 10/23/98    | 0000024728 | 8/29/98         |
| SC-07610-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 11970015  | U           | QT1470.0    | 8/1/98      | 0000024729 | 8/29/98         |
| SC-07610-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 11970015  | U           | QT1470.0    | 8/1/98      | 0000024729 | 8/29/98         |
| SC-07610-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00        | 11970015  | U           | QT1470.0    | 8/1/98      | 0000024729 | 8/29/98         |
| SC-07610-S | ARSENIC     | 6.50  |      | 0.46  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 11970015  |             | QT1470.0    | 8/30/98     | 0000024729 | 8/29/98         |
| SC-07610-S | CHROMIUM    | 16.20 |      | 0.59  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 11970015  |             | QT1470.0    | 8/30/98     | 0000024729 | 8/29/98         |
| SC-07610-S | LEAD        | 13.00 |      | 0.32  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00        | 11970015  |             | QT1470.0    | 8/30/98     | 0000024729 | 8/29/98         |
| SC-07610-S | RADIUM-226  | 1.24  | 0.12 | 0.33  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3500   |             | WP0134.0    | 10/23/98    | 0000024729 | 8/29/98         |
| SC-07610-S | RADIUM-228  | ND    |      | 1.13  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00        | WSC3500   |             | WP0134.0    | 10/23/98    | 0000024729 | 8/29/98         |
| SC-07610-S | THORIUM-230 | 1.02  | 0.11 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00        | WSC3500   |             | WP0134.0    | 8/5/98      | 0000024729 | 8/29/98         |

**APPENDIX D TABLE D-1**

| WSBRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-07810-S | URANIUM-238 | 7.44  | 1.58 | 4.61  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3500  |          | WP0134.0 | 10/23/96 | 0000024729 | 8/29/96      |
| SC-07811-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11970016 | U        | QT1470.0 | 8/1/96   | 0000024730 | 8/29/96      |
| SC-07811-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11970016 | U        | QT1470.0 | 8/1/96   | 0000024730 | 8/29/96      |
| SC-07811-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11970016 | U        | QT1470.0 | 8/1/96   | 0000024730 | 8/29/96      |
| SC-07811-S | ARSENIC     | 8.00  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11970016 |          | QT1470.0 | 8/30/96  | 0000024730 | 8/29/96      |
| SC-07811-S | CHROMIUM    | 15.80 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11970016 |          | QT1470.0 | 8/30/96  | 0000024730 | 8/29/96      |
| SC-07811-S | LEAD        | 13.00 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11970016 |          | QT1470.0 | 8/30/96  | 0000024730 | 8/29/96      |
| SC-07811-S | RADIUM-226  | 1.39  | 0.10 | 0.31  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3501  |          | WP0134.0 | 10/23/96 | 0000024730 | 8/29/96      |
| SC-07811-S | RADIUM-228  | 1.34  | 0.15 | 0.51  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3501  |          | WP0134.0 | 10/23/96 | 0000024730 | 8/29/96      |
| SC-07811-S | THORIUM-230 | 0.89  | 0.10 | 0.72  | PCIG  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3501  |          | WP0134.0 | 9/5/96   | 0000024730 | 8/29/96      |
| SC-07811-S | URANIUM-238 | ND    |      | 3.09  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3501  |          | WP0134.0 | 10/23/96 | 0000024730 | 8/29/96      |
| SC-07812-C | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11967001 | U        | QT1471.0 | 8/31/96  | 0000024732 | 8/29/96      |
| SC-07812-C | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11967001 | U        | QT1471.0 | 8/31/96  | 0000024732 | 8/29/96      |
| SC-07812-C | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11967001 | U        | QT1471.0 | 8/31/96  | 0000024732 | 8/29/96      |
| SC-07812-C | ARSENIC     | 6.80  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11967001 |          | QT1471.0 | 8/31/96  | 0000024732 | 8/29/96      |
| SC-07812-C | CHROMIUM    | 17.80 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11967001 |          | QT1471.0 | 8/31/96  | 0000024732 | 8/29/96      |
| SC-07812-C | LEAD        | 15.80 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11967001 |          | QT1471.0 | 8/31/96  | 0000024732 | 8/29/96      |
| SC-07812-C | RADIUM-226  | 1.34  | 0.13 | 0.43  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3502  |          | WP0135.0 | 10/21/96 | 0000024732 | 8/29/96      |
| SC-07812-C | RADIUM-228  | 1.18  | 0.16 | 0.51  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3502  |          | WP0135.0 | 10/21/96 | 0000024732 | 8/29/96      |
| SC-07812-C | THORIUM-230 | 0.80  | 0.07 | 0.72  | PCIG  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3502  |          | WP0135.0 | 9/5/96   | 0000024732 | 8/29/96      |
| SC-07812-C | URANIUM-238 | ND    |      | 3.97  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3502  |          | WP0135.0 | 10/21/96 | 0000024732 | 8/29/96      |
| SC-07812-S | AROCOR-1248 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11967002 | U        | QT1471.0 | 8/31/96  | 0000024731 | 8/29/96      |
| SC-07812-S | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11967002 | U        | QT1471.0 | 8/31/96  | 0000024731 | 8/29/96      |
| SC-07812-S | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11967002 | U        | QT1471.0 | 8/31/96  | 0000024731 | 8/29/96      |
| SC-07812-S | ARSENIC     | 5.40  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11967002 |          | QT1471.0 | 8/31/96  | 0000024731 | 8/29/96      |
| SC-07812-S | CHROMIUM    | 17.00 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11967002 |          | QT1471.0 | 8/31/96  | 0000024731 | 8/29/96      |
| SC-07812-S | LEAD        | 6.80  |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11967002 |          | QT1471.0 | 8/31/96  | 0000024731 | 8/29/96      |
| SC-07812-S | RADIUM-226  | 1.51  | 0.10 | 0.28  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3503  |          | WP0135.0 | 10/21/96 | 0000024731 | 8/29/96      |
| SC-07812-S | RADIUM-228  | 1.32  | 0.14 | 0.42  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3503  |          | WP0135.0 | 10/21/96 | 0000024731 | 8/29/96      |
| SC-07812-S | THORIUM-230 | 0.92  | 0.09 | 0.72  | PCIG  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3503  |          | WP0135.0 | 9/5/96   | 0000024731 | 8/29/96      |
| SC-07812-S | URANIUM-238 | ND    |      | 3.21  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3503  |          | WP0135.0 | 10/21/96 | 0000024731 | 8/29/96      |
| SC-07813-C | AROCOR-1248 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11967003 | U        | QT1471.0 | 8/31/96  | 0000024733 | 8/29/96      |
| SC-07813-C | AROCOR-1254 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11967003 | U        | QT1471.0 | 8/31/96  | 0000024733 | 8/29/96      |
| SC-07813-C | AROCOR-1260 | ND    |      | 37.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11967003 | U        | QT1471.0 | 8/31/96  | 0000024733 | 8/29/96      |
| SC-07813-C | ARSENIC     | 6.10  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11967003 |          | QT1471.0 | 8/31/96  | 0000024733 | 8/29/96      |
| SC-07813-C | CHROMIUM    | 16.00 |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11967003 |          | QT1471.0 | 8/31/96  | 0000024733 | 8/29/96      |
| SC-07813-C | LEAD        | 6.70  |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11967003 |          | QT1471.0 | 8/31/96  | 0000024733 | 8/29/96      |
| SC-07813-C | RADIUM-226  | 1.49  | 0.10 | 0.27  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3504  |          | WP0135.0 | 10/21/96 | 0000024733 | 8/29/96      |
| SC-07813-C | RADIUM-228  | 1.28  | 0.14 | 0.34  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3504  |          | WP0135.0 | 10/21/96 | 0000024733 | 8/29/96      |
| SC-07813-C | THORIUM-230 | 0.77  | 0.07 | 0.72  | PCIG  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3504  |          | WP0135.0 | 9/5/96   | 0000024733 | 8/29/96      |
| SC-07813-C | URANIUM-238 | 1.72  | 0.59 | 2.51  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3504  |          | WP0135.0 | 10/21/96 | 0000024733 | 8/29/96      |
| SC-07813-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11967004 | U        | QT1471.0 | 8/31/96  | 0000024734 | 8/29/96      |
| SC-07813-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11967004 | U        | QT1471.0 | 8/31/96  | 0000024734 | 8/29/96      |
| SC-07813-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11967004 | U        | QT1471.0 | 8/31/96  | 0000024734 | 8/29/96      |
| SC-07813-S | ARSENIC     | 7.00  |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11967004 |          | QT1471.0 | 8/31/96  | 0000024734 | 8/29/96      |
| SC-07813-S | CHROMIUM    | 19.40 |      | 0.56  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11967004 |          | QT1471.0 | 8/31/96  | 0000024734 | 8/29/96      |
| SC-07813-S | LEAD        | 11.80 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11967004 |          | QT1471.0 | 8/31/96  | 0000024734 | 8/29/96      |
| SC-07813-S | RADIUM-226  | 1.36  | 0.09 | 0.24  | PCIG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3505  |          | WP0135.0 | 10/21/96 | 0000024734 | 8/29/96      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL FACT | LAB ID   | LAB QUAL | LAB REQ  | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|---------|----------|----------|----------|----------|------------|--------------|
| SC-07813-S | RADIUM-226  | 1.33  | 0.14 | 0.51  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3505  |          | WP0135.0 | 10/21/98 | 0000024734 | 8/29/98      |
| SC-07813-S | THORIUM-230 | 0.78  | 0.07 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3505  |          | WP0135.0 | 8/5/98   | 0000024734 | 8/29/98      |
| SC-07813-S | URANIUM-238 | ND    |      | 3.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3505  |          | WP0135.0 | 10/21/98 | 0000024734 | 8/29/98      |
| SC-07814-C | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967008 | U        | QT1471.0 | 8/31/98  | 0000024735 | 8/29/98      |
| SC-07814-C | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967008 | U        | QT1471.0 | 8/31/98  | 0000024735 | 8/29/98      |
| SC-07814-C | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967008 | U        | QT1471.0 | 8/31/98  | 0000024735 | 8/29/98      |
| SC-07814-C | ARSENIC     | 6.30  |      | 0.46  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967008 |          | QT1471.0 | 8/31/98  | 0000024735 | 8/29/98      |
| SC-07814-C | CHROMIUM    | 16.30 |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967008 |          | QT1471.0 | 8/31/98  | 0000024735 | 8/29/98      |
| SC-07814-C | LEAD        | 12.50 |      | 0.32  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967008 |          | QT1471.0 | 8/31/98  | 0000024735 | 8/29/98      |
| SC-07814-C | RADIUM-226  | 1.20  | 0.12 | 0.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3507  |          | WP0135.0 | 10/21/98 | 0000024735 | 8/29/98      |
| SC-07814-C | RADIUM-228  | 0.92  | 0.18 | 0.70  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3507  |          | WP0135.0 | 10/21/98 | 0000024735 | 8/29/98      |
| SC-07814-C | THORIUM-230 | 0.98  | 0.12 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3507  |          | WP0135.0 | 9/5/98   | 0000024735 | 8/29/98      |
| SC-07814-C | URANIUM-238 | 3.22  | 1.11 | 3.22  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3507  |          | WP0135.0 | 10/21/98 | 0000024735 | 8/29/98      |
| SC-07814-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967007 | U        | QT1471.0 | 8/31/98  | 0000024736 | 8/29/98      |
| SC-07814-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967007 | U        | QT1471.0 | 8/31/98  | 0000024736 | 8/29/98      |
| SC-07814-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967007 | U        | QT1471.0 | 8/31/98  | 0000024736 | 8/29/98      |
| SC-07814-S | ARSENIC     | 6.60  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967007 |          | QT1471.0 | 8/31/98  | 0000024736 | 8/29/98      |
| SC-07814-S | CHROMIUM    | 16.50 |      | 0.56  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967007 |          | QT1471.0 | 8/31/98  | 0000024736 | 8/29/98      |
| SC-07814-S | LEAD        | 16.90 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967007 |          | QT1471.0 | 8/31/98  | 0000024736 | 8/29/98      |
| SC-07814-S | RADIUM-226  | 1.15  | 0.12 | 0.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3508  |          | WP0135.0 | 10/21/98 | 0000024736 | 8/29/98      |
| SC-07814-S | RADIUM-228  | 1.08  | 0.18 | 0.61  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3508  |          | WP0135.0 | 10/21/98 | 0000024736 | 8/29/98      |
| SC-07814-S | THORIUM-230 | 0.81  | 0.08 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3508  |          | WP0135.0 | 9/5/98   | 0000024736 | 8/29/98      |
| SC-07814-S | URANIUM-238 | ND    |      | 4.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3508  |          | WP0135.0 | 10/21/98 | 0000024736 | 8/29/98      |
| SC-07815-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967008 | U        | QT1471.0 | 9/1/98   | 0000024737 | 8/29/98      |
| SC-07815-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967008 | U        | QT1471.0 | 9/1/98   | 0000024737 | 8/29/98      |
| SC-07815-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967008 | U        | QT1471.0 | 9/1/98   | 0000024737 | 8/29/98      |
| SC-07815-S | ARSENIC     | 5.80  |      | 0.44  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967008 |          | QT1471.0 | 8/31/98  | 0000024737 | 8/29/98      |
| SC-07815-S | CHROMIUM    | 17.70 |      | 0.51  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967008 |          | QT1471.0 | 8/31/98  | 0000024737 | 8/29/98      |
| SC-07815-S | LEAD        | 9.00  |      | 0.31  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967008 |          | QT1471.0 | 8/31/98  | 0000024737 | 8/29/98      |
| SC-07815-S | RADIUM-226  | 1.36  | 0.13 | 0.36  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3509  |          | WP0135.0 | 10/21/98 | 0000024737 | 8/29/98      |
| SC-07815-S | RADIUM-228  | 0.90  | 0.14 | 0.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3509  |          | WP0135.0 | 10/21/98 | 0000024737 | 8/29/98      |
| SC-07815-S | THORIUM-230 | 0.84  | 0.09 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3509  |          | WP0135.0 | 9/5/98   | 0000024737 | 8/29/98      |
| SC-07815-S | URANIUM-238 | ND    |      | 4.23  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3509  |          | WP0135.0 | 10/21/98 | 0000024737 | 8/29/98      |
| SC-07816-S | AROCOR-1248 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967009 | U        | QT1471.0 | 9/1/98   | 0000024738 | 8/29/98      |
| SC-07816-S | AROCOR-1254 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967009 | U        | QT1471.0 | 9/1/98   | 0000024738 | 8/29/98      |
| SC-07816-S | AROCOR-1260 | ND    |      | 38.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967009 | U        | QT1471.0 | 9/1/98   | 0000024738 | 8/29/98      |
| SC-07816-S | ARSENIC     | 6.20  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967009 |          | QT1471.0 | 8/31/98  | 0000024738 | 8/29/98      |
| SC-07816-S | CHROMIUM    | 17.80 |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967009 |          | QT1471.0 | 8/31/98  | 0000024738 | 8/29/98      |
| SC-07816-S | LEAD        | 9.50  |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967009 |          | QT1471.0 | 8/31/98  | 0000024738 | 8/29/98      |
| SC-07816-S | RADIUM-226  | 1.37  | 0.09 | 0.22  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3510  |          | WP0135.0 | 10/21/98 | 0000024738 | 8/29/98      |
| SC-07816-S | RADIUM-228  | 1.40  | 0.13 | 0.37  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3510  |          | WP0135.0 | 10/21/98 | 0000024738 | 8/29/98      |
| SC-07816-S | THORIUM-230 | 1.17  | 0.14 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3510  |          | WP0135.0 | 9/5/98   | 0000024738 | 8/29/98      |
| SC-07816-S | URANIUM-238 | ND    |      | 3.18  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3510  |          | WP0135.0 | 10/21/98 | 0000024738 | 8/29/98      |
| SC-07817-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967010 | U        | QT1471.0 | 9/1/98   | 0000024739 | 8/29/98      |
| SC-07817-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967010 | U        | QT1471.0 | 9/1/98   | 0000024739 | 8/29/98      |
| SC-07817-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967010 | U        | QT1471.0 | 9/1/98   | 0000024739 | 8/29/98      |
| SC-07817-S | ARSENIC     | 4.50  |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967010 |          | QT1471.0 | 8/31/98  | 0000024739 | 8/29/98      |
| SC-07817-S | CHROMIUM    | 15.80 |      | 0.56  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967010 |          | QT1471.0 | 8/31/98  | 0000024739 | 8/29/98      |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-07817-S | LEAD        | 10.30 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11987010 |          | QT1471.0 | 8/31/98  | 0000024739 | 8/29/98      |
| SC-07817-S | RADIUM-226  | 1.01  | 0.12 | 0.35  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3511  |          | WP0135.0 | 10/21/98 | 0000024739 | 8/29/98      |
| SC-07817-S | RADIUM-228  | 1.18  | 0.18 | 0.58  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3511  |          | WP0135.0 | 10/21/98 | 0000024739 | 8/29/98      |
| SC-07817-S | THORIUM-230 | 0.74  | 0.08 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3511  |          | WP0135.0 | 9/6/98   | 0000024739 | 8/29/98      |
| SC-07817-S | URANIUM-238 | ND    |      | 4.25  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3511  |          | WP0135.0 | 10/21/98 | 0000024739 | 8/29/98      |
| SC-07818-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11987011 | U        | QT1471.0 | 9/1/98   | 0000024740 | 8/29/98      |
| SC-07818-S | AROCOR-1254 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11987011 | U        | QT1471.0 | 9/1/98   | 0000024740 | 8/29/98      |
| SC-07818-S | AROCOR-1260 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11987011 | U        | QT1471.0 | 9/1/98   | 0000024740 | 8/29/98      |
| SC-07818-S | ARSENIC     | 4.80  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11987011 |          | QT1471.0 | 8/31/98  | 0000024740 | 8/29/98      |
| SC-07818-S | CHROMIUM    | 11.80 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11987011 |          | QT1471.0 | 8/31/98  | 0000024740 | 8/29/98      |
| SC-07818-S | LEAD        | 7.70  |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11987011 |          | QT1471.0 | 8/31/98  | 0000024740 | 8/29/98      |
| SC-07818-S | RADIUM-226  | 1.33  | 0.12 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3512  |          | WP0135.0 | 10/21/98 | 0000024740 | 8/29/98      |
| SC-07818-S | RADIUM-228  | 1.21  | 0.18 | 0.58  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3512  |          | WP0135.0 | 10/21/98 | 0000024740 | 8/29/98      |
| SC-07818-S | THORIUM-230 | 0.82  | 0.09 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3512  |          | WP0135.0 | 9/6/98   | 0000024740 | 8/29/98      |
| SC-07818-S | URANIUM-238 | 3.36  | 0.98 | 2.64  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3512  |          | WP0135.0 | 10/21/98 | 0000024740 | 8/29/98      |
| SC-07819-C | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11987012 | U        | QT1471.0 | 9/1/98   | 0000024748 | 8/29/98      |
| SC-07819-C | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11987012 | U        | QT1471.0 | 9/1/98   | 0000024748 | 8/29/98      |
| SC-07819-C | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11987012 | U        | QT1471.0 | 9/1/98   | 0000024748 | 8/29/98      |
| SC-07819-C | ARSENIC     | 5.30  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11987012 |          | QT1471.0 | 8/31/98  | 0000024748 | 8/29/98      |
| SC-07819-C | CHROMIUM    | 10.10 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11987012 |          | QT1471.0 | 8/31/98  | 0000024748 | 8/29/98      |
| SC-07819-C | LEAD        | 10.50 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11987012 |          | QT1471.0 | 8/31/98  | 0000024748 | 8/29/98      |
| SC-07819-C | RADIUM-226  | 0.93  | 0.08 | 0.17  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3513  |          | WP0135.0 | 10/21/98 | 0000024748 | 8/29/98      |
| SC-07819-C | RADIUM-228  | 1.37  | 0.12 | 0.34  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3513  |          | WP0135.0 | 10/21/98 | 0000024748 | 8/29/98      |
| SC-07819-C | THORIUM-230 | -0.71 | 0.08 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3513  |          | WP0135.0 | 9/6/98   | 0000024748 | 8/29/98      |
| SC-07819-C | URANIUM-238 | ND    |      | 2.68  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3513  |          | WP0135.0 | 10/21/98 | 0000024748 | 8/29/98      |
| SC-07819-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11987013 | U        | QT1471.0 | 9/1/98   | 0000024743 | 8/29/98      |
| SC-07819-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11987013 | U        | QT1471.0 | 9/1/98   | 0000024743 | 8/29/98      |
| SC-07819-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11987013 | U        | QT1471.0 | 9/1/98   | 0000024743 | 8/29/98      |
| SC-07819-S | ARSENIC     | 7.00  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11987013 |          | QT1471.0 | 8/31/98  | 0000024743 | 8/29/98      |
| SC-07819-S | CHROMIUM    | 17.80 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11987013 |          | QT1471.0 | 8/31/98  | 0000024743 | 8/29/98      |
| SC-07819-S | LEAD        | 12.80 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11987013 |          | QT1471.0 | 8/31/98  | 0000024743 | 8/29/98      |
| SC-07819-S | RADIUM-226  | 1.54  | 0.10 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3514  |          | WP0135.0 | 10/21/98 | 0000024743 | 8/29/98      |
| SC-07819-S | RADIUM-228  | 1.37  | 0.13 | 0.32  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3514  |          | WP0135.0 | 10/21/98 | 0000024743 | 8/29/98      |
| SC-07819-S | THORIUM-230 | 0.99  | 0.10 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3514  |          | WP0135.0 | 9/6/98   | 0000024743 | 8/29/98      |
| SC-07819-S | URANIUM-238 | ND    |      | 3.02  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3514  |          | WP0135.0 | 10/21/98 | 0000024743 | 8/29/98      |
| SC-07820-S | AROCOR-1248 | ND    |      | 35.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11987014 | U        | QT1471.0 | 9/1/98   | 0000024747 | 8/29/98      |
| SC-07820-S | AROCOR-1254 | ND    |      | 35.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11987014 | U        | QT1471.0 | 9/1/98   | 0000024747 | 8/29/98      |
| SC-07820-S | AROCOR-1260 | ND    |      | 35.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11987014 | U        | QT1471.0 | 9/1/98   | 0000024747 | 8/29/98      |
| SC-07820-S | ARSENIC     | 6.50  |      | 0.43  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11987014 |          | QT1471.0 | 8/31/98  | 0000024747 | 8/29/98      |
| SC-07820-S | CHROMIUM    | 14.40 |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11987014 |          | QT1471.0 | 8/31/98  | 0000024747 | 8/29/98      |
| SC-07820-S | LEAD        | 9.80  |      | 0.30  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11987014 |          | QT1471.0 | 8/31/98  | 0000024747 | 8/29/98      |
| SC-07820-S | RADIUM-226  | 1.14  | 0.09 | 0.34  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3515  |          | WP0135.0 | 10/21/98 | 0000024747 | 8/29/98      |
| SC-07820-S | RADIUM-228  | 1.44  | 0.16 | 0.47  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3515  |          | WP0135.0 | 10/21/98 | 0000024747 | 8/29/98      |
| SC-07820-S | THORIUM-230 | 0.90  | 0.09 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3515  |          | WP0135.0 | 9/6/98   | 0000024747 | 8/29/98      |
| SC-07820-S | URANIUM-238 | ND    |      | 3.34  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3515  |          | WP0135.0 | 10/21/98 | 0000024747 | 8/29/98      |
| SC-07821-C | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11987015 | U        | QT1471.0 | 9/1/98   | 0000024748 | 8/29/98      |
| SC-07821-C | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11987015 | U        | QT1471.0 | 9/1/98   | 0000024748 | 8/29/98      |
| SC-07821-C | AROCOR-1260 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11987015 | U        | QT1471.0 | 9/1/98   | 0000024748 | 8/29/98      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL FACT | LAB ID   | LAB QUAL | LAB REQD | DATE ANA | SAMPLINK   | DATE SAMPLED |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|---------|----------|----------|----------|----------|------------|--------------|
| SC-07621-C | ARSENIC     | 4.70  |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967015 |          | QT1471.0 | 8/31/98  | 0000024748 | 8/28/98      |
| SC-07621-C | CHROMIUM    | 14.10 |      | 0.57  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967015 |          | QT1471.0 | 8/31/98  | 0000024748 | 8/28/98      |
| SC-07621-C | LEAD        | 8.50  |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967015 |          | QT1471.0 | 8/31/98  | 0000024748 | 8/28/98      |
| SC-07621-C | RADIUM-226  | 1.35  | 0.14 | 0.35  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3516  |          | WP0135.0 | 10/21/98 | 0000024748 | 8/28/98      |
| SC-07621-C | RADIUM-228  | 1.09  | 0.21 | 0.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3516  |          | WP0135.0 | 10/21/98 | 0000024748 | 8/28/98      |
| SC-07621-C | THORIUM-230 | 0.90  | 0.09 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3516  |          | WP0135.0 | 9/5/98   | 0000024748 | 8/28/98      |
| SC-07621-C | URANIUM-238 | ND    |      | 3.02  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3516  |          | WP0135.0 | 10/21/98 | 0000024748 | 8/28/98      |
| SC-07621-S | AROCOR-1248 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967016 | U        | QT1471.0 | 9/1/98   | 0000024749 | 8/28/98      |
| SC-07621-S | AROCOR-1264 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967016 | U        | QT1471.0 | 9/1/98   | 0000024749 | 8/28/98      |
| SC-07621-S | AROCOR-1280 | ND    |      | 39.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11967016 | U        | QT1471.0 | 9/1/98   | 0000024749 | 8/28/98      |
| SC-07621-S | ARSENIC     | 7.10  |      | 0.47  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967016 |          | QT1471.0 | 8/31/98  | 0000024749 | 8/28/98      |
| SC-07621-S | CHROMIUM    | 18.80 |      | 0.54  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967016 |          | QT1471.0 | 8/31/98  | 0000024749 | 8/28/98      |
| SC-07621-S | LEAD        | 14.80 |      | 0.33  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11967016 |          | QT1471.0 | 8/31/98  | 0000024749 | 8/28/98      |
| SC-07621-S | RADIUM-226  | 1.24  | 0.10 | 0.31  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3517  |          | WP0135.0 | 10/22/98 | 0000024749 | 8/28/98      |
| SC-07621-S | RADIUM-228  | 1.18  | 0.13 | 0.43  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3517  |          | WP0135.0 | 10/22/98 | 0000024749 | 8/28/98      |
| SC-07621-S | THORIUM-230 | 0.83  | 0.08 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3517  |          | WP0135.0 | 9/5/98   | 0000024749 | 8/28/98      |
| SC-07621-S | URANIUM-238 | ND    |      | 3.18  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3517  |          | WP0135.0 | 10/22/98 | 0000024749 | 8/28/98      |
| SC-07701-S | AROCOR-1248 | ND    |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11958017 | U        | QT1487.0 | 8/30/98  | 0000024750 | 8/28/98      |
| SC-07701-S | AROCOR-1264 | ND    |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11958017 | U        | QT1487.0 | 8/30/98  | 0000024750 | 8/28/98      |
| SC-07701-S | AROCOR-1280 | ND    |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11958017 | U        | QT1487.0 | 8/30/98  | 0000024750 | 8/28/98      |
| SC-07701-S | ARSENIC     | 6.50  |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11958017 |          | QT1487.0 | 8/30/98  | 0000024750 | 8/28/98      |
| SC-07701-S | CHROMIUM    | 17.10 |      | 0.61  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11958017 |          | QT1487.0 | 8/30/98  | 0000024750 | 8/28/98      |
| SC-07701-S | LEAD        | 8.90  |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11958017 |          | QT1487.0 | 8/30/98  | 0000024750 | 8/28/98      |
| SC-07701-S | RADIUM-226  | 1.25  | 0.12 | 0.34  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3444  |          | WP0132.0 | 9/30/98  | 0000024750 | 8/28/98      |
| SC-07701-S | RADIUM-228  | ND    |      | 1.24  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3444  |          | WP0132.0 | 9/30/98  | 0000024750 | 8/28/98      |
| SC-07701-S | THALLIUM    | 1.40  |      | 0.85  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11958017 | B        | QT1487.0 | 8/30/98  | 0000024750 | 8/28/98      |
| SC-07701-S | THORIUM-230 | 0.77  | 0.08 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3444  |          | WP0132.0 | 9/31/98  | 0000024750 | 8/28/98      |
| SC-07701-S | URANIUM-238 | ND    |      | 4.12  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3444  |          | WP0132.0 | 9/30/98  | 0000024750 | 8/28/98      |
| SC-07701-U | AROCOR-1248 | ND    |      | 48.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11958001 | U        | QT1488.0 | 8/30/98  | 0000029672 | 8/28/98      |
| SC-07701-U | AROCOR-1264 | ND    |      | 48.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11958001 | U        | QT1488.0 | 8/30/98  | 0000029672 | 8/28/98      |
| SC-07701-U | AROCOR-1280 | ND    |      | 48.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11958001 | U        | QT1488.0 | 8/30/98  | 0000029672 | 8/28/98      |
| SC-07701-U | ARSENIC     | 8.90  |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11958001 |          | QT1488.0 | 8/30/98  | 0000029672 | 8/28/98      |
| SC-07701-U | CHROMIUM    | 13.40 |      | 0.84  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11958001 |          | QT1488.0 | 8/30/98  | 0000029672 | 8/28/98      |
| SC-07701-U | LEAD        | 14.50 |      | 0.38  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11958001 |          | QT1488.0 | 8/30/98  | 0000029672 | 8/28/98      |
| SC-07701-U | RADIUM-226  | 1.11  | 0.11 | 0.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3485  |          | WP0133.0 | 10/1/98  | 0000029672 | 8/28/98      |
| SC-07701-U | RADIUM-228  | 1.11  | 0.18 | 0.58  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3485  |          | WP0133.0 | 10/1/98  | 0000029672 | 8/28/98      |
| SC-07701-U | THALLIUM    | ND    |      | 0.89  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11958001 | U        | QT1488.0 | 8/30/98  | 0000029672 | 8/28/98      |
| SC-07701-U | THORIUM-230 | 1.05  | 0.14 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00    | WSC3485  |          | WP0133.0 | 9/3/98   | 0000029672 | 8/28/98      |
| SC-07701-U | URANIUM-238 | ND    |      | 4.05  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3485  |          | WP0133.0 | 10/1/98  | 0000029672 | 8/28/98      |
| SC-07702-S | URANIUM-238 | ND    |      | 4.00  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3445  |          | WP0132.0 | 8/30/98  | 0000024754 | 8/28/98      |
| SC-07702-U | AROCOR-1248 | ND    |      | 45.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11958003 | U        | QT1488.0 | 8/30/98  | 0000029673 | 8/28/98      |
| SC-07702-U | AROCOR-1264 | ND    |      | 45.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11958003 | U        | QT1488.0 | 8/30/98  | 0000029673 | 8/28/98      |
| SC-07702-U | AROCOR-1280 | ND    |      | 45.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00    | 11958003 | U        | QT1488.0 | 8/30/98  | 0000029673 | 8/28/98      |
| SC-07702-U | ARSENIC     | 10.10 |      | 0.55  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11958003 |          | QT1488.0 | 8/30/98  | 0000029673 | 8/28/98      |
| SC-07702-U | CHROMIUM    | 24.10 |      | 0.83  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11958003 |          | QT1488.0 | 8/30/98  | 0000029673 | 8/28/98      |
| SC-07702-U | LEAD        | 16.20 |      | 0.38  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00    | 11958003 |          | QT1488.0 | 8/30/98  | 0000029673 | 8/28/98      |
| SC-07702-U | RADIUM-226  | 0.82  | 0.08 | 0.28  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3486  |          | WP0133.0 | 10/1/98  | 0000029673 | 8/28/98      |
| SC-07702-U | RADIUM-228  | 1.48  | 0.14 | 0.49  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00    | WSC3486  |          | WP0133.0 | 10/1/98  | 0000029673 | 8/28/98      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER   | CONC   | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB | LAB      | DATE     | SAMPLINK   | DATE    |
|------------|-------------|--------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|-----|----------|----------|------------|---------|
| SC-07702-U | THALLIUM    | ND     |      | 0.88  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959003 | U   | QT1488.0 | 8/30/96  | 0000029673 | 8/28/96 |
| SC-07702-U | THORIUM-230 | 0.86   | 0.11 | 0.72  | PCVG  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3466  |     | WP0133.0 | 9/3/96   | 0000029673 | 8/28/96 |
| SC-07702-U | URANIUM-238 | ND     |      | 3.02  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3468  |     | WP0133.0 | 10/1/96  | 0000029673 | 8/28/96 |
| SC-07703-S | URANIUM-238 | ND     |      | 3.03  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3448  |     | WP0132.0 | 8/30/96  | 0000024758 | 8/28/96 |
| SC-07703-U | AROCOR-1248 | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959004 | U   | QT1488.0 | 8/30/96  | 0000029674 | 8/28/96 |
| SC-07703-U | AROCOR-1254 | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959004 | U   | QT1488.0 | 8/30/96  | 0000029674 | 8/28/96 |
| SC-07703-U | AROCOR-1260 | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959004 | U   | QT1488.0 | 8/30/96  | 0000029674 | 8/28/96 |
| SC-07703-U | ARSENIC     | 9.20   |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959004 |     | QT1488.0 | 8/30/96  | 0000029674 | 8/28/96 |
| SC-07703-U | CHROMIUM    | 16.80  |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959004 |     | QT1488.0 | 8/30/96  | 0000029674 | 8/28/96 |
| SC-07703-U | LEAD        | 13.40  |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959004 |     | QT1488.0 | 8/30/96  | 0000029674 | 8/28/96 |
| SC-07703-U | RADIUM-226  | 1.01   | 0.12 | 0.38  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3467  |     | WP0133.0 | 10/1/96  | 0000029674 | 8/28/96 |
| SC-07703-U | RADIUM-228  | 1.37   | 0.19 | 0.53  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3467  |     | WP0133.0 | 10/1/96  | 0000029674 | 8/28/96 |
| SC-07703-U | THALLIUM    | ND     |      | 0.81  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959004 | U   | QT1488.0 | 8/30/96  | 0000029674 | 8/28/96 |
| SC-07703-U | THORIUM-230 | 1.23   | 0.15 | 0.72  | PCVG  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3467  |     | WP0133.0 | 9/3/96   | 0000029674 | 8/28/96 |
| SC-07703-U | URANIUM-238 | ND     |      | 3.89  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3467  |     | WP0133.0 | 10/1/96  | 0000029674 | 8/28/96 |
| SC-07704-S | AROCOR-1248 | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959018 | U   | QT1487.0 | 8/30/96  | 0000024757 | 8/28/96 |
| SC-07704-S | AROCOR-1254 | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959018 | U   | QT1487.0 | 8/30/96  | 0000024757 | 8/28/96 |
| SC-07704-S | AROCOR-1260 | ND     |      | 42.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959018 | U   | QT1487.0 | 8/30/96  | 0000024757 | 8/28/96 |
| SC-07704-S | ARSENIC     | 7.50   |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959018 |     | QT1487.0 | 8/30/96  | 0000024757 | 8/28/96 |
| SC-07704-S | CHROMIUM    | 12.70  |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959018 |     | QT1487.0 | 8/30/96  | 0000024757 | 8/28/96 |
| SC-07704-S | LEAD        | 9.10   |      | 0.35  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959018 |     | QT1487.0 | 8/30/96  | 0000024757 | 8/28/96 |
| SC-07704-S | RADIUM-226  | 1.48   | 0.10 | 0.27  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3447  |     | WP0132.0 | 9/30/96  | 0000024757 | 8/28/96 |
| SC-07704-S | RADIUM-228  | 1.01   | 0.12 | 0.46  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3447  |     | WP0132.0 | 9/30/96  | 0000024757 | 8/28/96 |
| SC-07704-S | THALLIUM    | 1.10   |      | 0.81  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959018 | B   | QT1487.0 | 8/30/96  | 0000024757 | 8/28/96 |
| SC-07704-S | THORIUM-230 | 0.80   | 0.09 | 0.72  | PCVG  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3447  |     | WP0132.0 | 8/31/96  | 0000024757 | 8/28/96 |
| SC-07704-S | URANIUM-238 | ND     |      | 3.12  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3447  |     | WP0132.0 | 9/30/96  | 0000024757 | 8/28/96 |
| SC-07704-U | AROCOR-1248 | ND     |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959005 | U   | QT1488.0 | 8/30/96  | 0000029675 | 8/28/96 |
| SC-07704-U | AROCOR-1254 | ND     |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959005 | U   | QT1488.0 | 8/30/96  | 0000029675 | 8/28/96 |
| SC-07704-U | AROCOR-1260 | ND     |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959005 | U   | QT1488.0 | 8/30/96  | 0000029675 | 8/28/96 |
| SC-07704-U | ARSENIC     | 6.70   |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959005 |     | QT1488.0 | 8/30/96  | 0000029675 | 8/28/96 |
| SC-07704-U | CHROMIUM    | 12.10  |      | 0.60  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959005 |     | QT1488.0 | 8/30/96  | 0000029675 | 8/28/96 |
| SC-07704-U | LEAD        | 14.50  |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959005 |     | QT1488.0 | 8/30/96  | 0000029675 | 8/28/96 |
| SC-07704-U | RADIUM-226  | 1.13   | 0.09 | 0.28  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3468  |     | WP0133.0 | 10/22/96 | 0000029675 | 8/28/96 |
| SC-07704-U | RADIUM-228  | 1.28   | 0.12 | 0.36  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3468  |     | WP0133.0 | 10/22/96 | 0000029675 | 8/28/96 |
| SC-07704-U | THALLIUM    | ND     |      | 0.84  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959005 | U   | QT1488.0 | 8/30/96  | 0000029675 | 8/28/96 |
| SC-07704-U | THORIUM-230 | 0.87   | 0.13 | 0.72  | PCVG  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3468  |     | WP0133.0 | 9/3/96   | 0000029675 | 8/28/96 |
| SC-07704-U | URANIUM-238 | ND     |      | 3.10  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3468  |     | WP0133.0 | 10/22/96 | 0000029675 | 8/28/96 |
| SC-07705-S | URANIUM-238 | -1.64  | 0.60 | 2.34  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3448  |     | WP0132.0 | 8/30/96  | 0000024758 | 8/28/96 |
| SC-07705-U | AROCOR-1248 | ND     |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959006 | U   | QT1488.0 | 8/30/96  | 0000029676 | 8/28/96 |
| SC-07705-U | AROCOR-1254 | 100.00 |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959006 |     | QT1488.0 | 8/30/96  | 0000029676 | 8/28/96 |
| SC-07705-U | AROCOR-1260 | ND     |      | 44.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959006 | U   | QT1488.0 | 8/30/96  | 0000029676 | 8/28/96 |
| SC-07705-U | ARSENIC     | 6.60   |      | 0.53  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959006 |     | QT1488.0 | 8/30/96  | 0000029676 | 8/28/96 |
| SC-07705-U | CHROMIUM    | 20.90  |      | 0.60  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959006 |     | QT1488.0 | 8/30/96  | 0000029676 | 8/28/96 |
| SC-07705-U | LEAD        | 16.40  |      | 0.37  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959006 |     | QT1488.0 | 8/30/96  | 0000029676 | 8/28/96 |
| SC-07705-U | RADIUM-226  | 1.34   | 0.13 | 0.41  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3469  |     | WP0133.0 | 10/22/96 | 0000029676 | 8/28/96 |
| SC-07705-U | RADIUM-228  | 1.29   | 0.18 | 0.72  | PCVG  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3469  |     | WP0133.0 | 10/22/96 | 0000029676 | 8/28/96 |
| SC-07705-U | THALLIUM    | ND     |      | 0.84  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959006 | U   | QT1488.0 | 8/30/96  | 0000029676 | 8/28/96 |
| SC-07705-U | THORIUM-230 | 1.17   | 0.17 | 0.72  | PCVG  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3469  |     | WP0133.0 | 9/3/96   | 0000029676 | 8/28/96 |

APPENDIX D TABLE D-1

| WBSRAP ID  | PARAMETER   | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL  | LAB      | LAB | LAB      | DATE     | SAMPLING   | DATE    |
|------------|-------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|------|----------|-----|----------|----------|------------|---------|
| SC-07705-U | URANIUM-238 | 8.76  | 1.76 | 5.22  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3489  |     | WP0133.0 | 10/22/96 | 0000029676 | 8/28/96 |
| SC-07706-S | URANIUM-238 | ND    |      | 4.41  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3448  |     | WP0132.0 | 8/30/96  | 0000024759 | 8/28/96 |
| SC-07706-U | AROCOR-1248 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959007 | U   | QT1488.0 | 8/30/96  | 0000029677 | 8/28/96 |
| SC-07706-U | AROCOR-1254 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959007 | U   | QT1488.0 | 8/30/96  | 0000029677 | 8/28/96 |
| SC-07706-U | AROCOR-1260 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959007 | U   | QT1488.0 | 8/30/96  | 0000029677 | 8/28/96 |
| SC-07706-U | ARSENIC     | 7.80  |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959007 |     | QT1488.0 | 8/30/96  | 0000029677 | 8/28/96 |
| SC-07706-U | CHROMIUM    | 15.80 |      | 0.60  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959007 |     | QT1488.0 | 8/30/96  | 0000029677 | 8/28/96 |
| SC-07706-U | LEAD        | 13.10 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959007 |     | QT1488.0 | 8/30/96  | 0000029677 | 8/28/96 |
| SC-07706-U | RADIUM-226  | 1.33  | 0.13 | 0.48  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3470  |     | WP0133.0 | 10/22/96 | 0000029677 | 8/28/96 |
| SC-07706-U | RADIUM-226  | 1.34  | 0.17 | 0.15  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3470  |     | WP0133.0 | 10/22/96 | 0000029677 | 8/28/96 |
| SC-07706-U | THALLIUM    | ND    |      | 0.83  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959007 | U   | QT1488.0 | 8/30/96  | 0000029677 | 8/28/96 |
| SC-07706-U | THORIUM-230 | 1.09  | 0.14 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3470  |     | WP0133.0 | 8/30/96  | 0000029677 | 8/28/96 |
| SC-07706-U | URANIUM-238 | ND    |      | 4.14  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3470  |     | WP0133.0 | 10/22/96 | 0000029677 | 8/28/96 |
| SC-07707-S | AROCOR-1248 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11958019 | U   | QT1487.0 | 8/30/96  | 0000024780 | 8/28/96 |
| SC-07707-S | AROCOR-1254 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11958019 | U   | QT1487.0 | 8/30/96  | 0000024780 | 8/28/96 |
| SC-07707-S | AROCOR-1260 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11958019 | U   | QT1487.0 | 8/30/96  | 0000024780 | 8/28/96 |
| SC-07707-S | ARSENIC     | 9.40  |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958019 |     | QT1487.0 | 8/30/96  | 0000024780 | 8/28/96 |
| SC-07707-S | CHROMIUM    | 11.00 |      | 0.60  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958019 |     | QT1487.0 | 8/30/96  | 0000024780 | 8/28/96 |
| SC-07707-S | LEAD        | 19.00 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958019 |     | QT1487.0 | 8/30/96  | 0000024780 | 8/28/96 |
| SC-07707-S | RADIUM-226  | 1.14  | 0.12 | 0.35  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3450  |     | WP0132.0 | 8/30/96  | 0000024780 | 8/28/96 |
| SC-07707-S | RADIUM-226  | 1.19  | 0.19 | 0.62  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3450  |     | WP0132.0 | 8/30/96  | 0000024780 | 8/28/96 |
| SC-07707-S | THALLIUM    | ND    |      | 0.83  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958019 | U   | QT1487.0 | 8/30/96  | 0000024780 | 8/28/96 |
| SC-07707-S | THORIUM-230 | 0.90  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3450  |     | WP0132.0 | 8/30/96  | 0000024780 | 8/28/96 |
| SC-07707-S | URANIUM-238 | ND    |      | 3.73  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3450  |     | WP0132.0 | 8/30/96  | 0000024780 | 8/28/96 |
| SC-07708-S | AROCOR-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11958020 | U   | QT1487.0 | 8/30/96  | 0000024781 | 8/28/96 |
| SC-07708-S | AROCOR-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11958020 | U   | QT1487.0 | 8/30/96  | 0000024781 | 8/28/96 |
| SC-07708-S | AROCOR-1260 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11958020 | U   | QT1487.0 | 8/30/96  | 0000024781 | 8/28/96 |
| SC-07708-S | ARSENIC     | 8.10  |      | 0.50  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958020 |     | QT1487.0 | 8/30/96  | 0000024781 | 8/28/96 |
| SC-07708-S | CHROMIUM    | 12.80 |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958020 |     | QT1487.0 | 8/30/96  | 0000024781 | 8/28/96 |
| SC-07708-S | LEAD        | 8.70  |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958020 |     | QT1487.0 | 8/30/96  | 0000024781 | 8/28/96 |
| SC-07708-S | RADIUM-226  | 1.37  | 0.10 | 0.31  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3451  |     | WP0132.0 | 8/30/96  | 0000024781 | 8/28/96 |
| SC-07708-S | RADIUM-226  | 1.38  | 0.14 | 0.53  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3451  |     | WP0132.0 | 8/30/96  | 0000024781 | 8/28/96 |
| SC-07708-S | THALLIUM    | 1.90  |      | 0.80  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11958020 | B   | QT1487.0 | 8/30/96  | 0000024781 | 8/28/96 |
| SC-07708-S | THORIUM-230 | 0.90  | 0.10 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3451  |     | WP0132.0 | 8/31/96  | 0000024781 | 8/28/96 |
| SC-07708-S | URANIUM-238 | 1.97  | 0.70 | 2.67  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3451  |     | WP0132.0 | 8/30/96  | 0000024781 | 8/28/96 |
| SC-07709-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959008 | U   | QT1488.0 | 8/30/96  | 0000024782 | 8/28/96 |
| SC-07709-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959008 | U   | QT1488.0 | 8/30/96  | 0000024782 | 8/28/96 |
| SC-07709-S | AROCOR-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959008 | U   | QT1488.0 | 8/30/96  | 0000024782 | 8/28/96 |
| SC-07709-S | ARSENIC     | 9.70  |      | 0.49  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959008 |     | QT1488.0 | 8/30/96  | 0000024782 | 8/28/96 |
| SC-07709-S | CHROMIUM    | 19.30 |      | 0.57  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959008 |     | QT1488.0 | 8/30/96  | 0000024782 | 8/28/96 |
| SC-07709-S | LEAD        | 17.90 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959008 |     | QT1488.0 | 8/30/96  | 0000024782 | 8/28/96 |
| SC-07709-S | RADIUM-226  | 1.35  | 0.12 | 0.29  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3452  |     | WP0132.0 | 8/30/96  | 0000024782 | 8/28/96 |
| SC-07709-S | RADIUM-226  | 1.56  | 0.21 | 0.61  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3452  |     | WP0132.0 | 8/30/96  | 0000024782 | 8/28/96 |
| SC-07709-S | THALLIUM    | ND    |      | 0.79  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00 | 11959008 | U   | QT1488.0 | 8/30/96  | 0000024782 | 8/28/96 |
| SC-07709-S | THORIUM-230 | 0.93  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00 | WSC3452  |     | WP0132.0 | 8/31/96  | 0000024782 | 8/28/96 |
| SC-07709-S | URANIUM-238 | ND    |      | 4.14  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00 | WSC3452  |     | WP0132.0 | 8/30/96  | 0000024782 | 8/28/96 |
| SC-07710-S | AROCOR-1248 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959010 | U   | QT1488.0 | 8/30/96  | 0000024783 | 8/28/96 |
| SC-07710-S | AROCOR-1254 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00 | 11959010 | U   | QT1488.0 | 8/30/96  | 0000024783 | 8/28/96 |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER    | CONC  | ERR  | DL    | UNITS | VAL | QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DIL FACT | LAB ID   | LAB QUAL | LAB REQU | DATE AMA | SAMPLING   | DATE SAMPLED |
|------------|--------------|-------|------|-------|-------|-----|------|----------|-----------|--------|---------------|----------|----------|----------|----------|----------|------------|--------------|
| SC-07710-S | AROCLOP-1260 | ND    |      | 40.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11959010 | U        | QT1488.0 | 8/30/96  | 0000024763 | 8/28/96      |
| SC-07710-S | ARSENIC      | 7.40  |      | 0.48  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11959010 |          | QT1488.0 | 8/30/96  | 0000024763 | 8/28/96      |
| SC-07710-S | CHROMIUM     | 15.90 |      | 0.56  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11959010 |          | QT1488.0 | 8/30/96  | 0000024763 | 8/28/96      |
| SC-07710-S | LEAD         | 15.70 |      | 0.34  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11959010 |          | QT1488.0 | 8/30/96  | 0000024763 | 8/28/96      |
| SC-07710-S | RADIUM-226   | 1.01  | 0.12 | 0.33  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3454  |          | WP0132.0 | 8/30/96  | 0000024763 | 8/28/96      |
| SC-07710-S | RADIUM-228   | 1.41  | 0.17 | 0.58  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3454  |          | WP0132.0 | 8/30/96  | 0000024763 | 8/28/96      |
| SC-07710-S | THALLIUM     | ND    |      | 0.78  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11959010 | U        | QT1488.0 | 8/30/96  | 0000024763 | 8/28/96      |
| SC-07710-S | THORIUM-230  | 0.80  | 0.09 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3454  |          | WP0132.0 | 8/30/96  | 0000024763 | 8/28/96      |
| SC-07710-S | URANIUM-238  | ND    |      | 4.00  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3454  |          | WP0132.0 | 8/30/96  | 0000024763 | 8/28/96      |
| SC-07711-S | URANIUM-238  | -1.90 | 0.85 | 2.57  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3471  |          | WP0133.0 | 8/31/96  | 0000024764 | 8/28/96      |
| SC-07712-S | URANIUM-238  | -2.00 | 1.00 | 3.13  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3472  |          | WP0133.0 | 8/31/96  | 0000024765 | 8/28/96      |
| SC-07713-S | AROCLOP-1248 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11959011 | U        | QT1488.0 | 8/30/96  | 0000024766 | 8/28/96      |
| SC-07713-S | AROCLOP-1254 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11959011 | U        | QT1488.0 | 8/30/96  | 0000024766 | 8/28/96      |
| SC-07713-S | AROCLOP-1260 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11959011 | U        | QT1488.0 | 8/30/96  | 0000024766 | 8/28/96      |
| SC-07713-S | ARSENIC      | 7.40  |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11959011 |          | QT1488.0 | 8/30/96  | 0000024766 | 8/28/96      |
| SC-07713-S | CHROMIUM     | 16.90 |      | 0.80  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11959011 |          | QT1488.0 | 8/30/96  | 0000024766 | 8/28/96      |
| SC-07713-S | LEAD         | 15.60 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11959011 |          | QT1488.0 | 8/30/96  | 0000024766 | 8/28/96      |
| SC-07713-S | RADIUM-226   | 1.25  | 0.09 | 0.29  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3473  |          | WP0133.0 | 10/22/96 | 0000024766 | 8/28/96      |
| SC-07713-S | RADIUM-228   | 1.33  | 0.14 | 0.46  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3473  |          | WP0133.0 | 10/22/96 | 0000024766 | 8/28/96      |
| SC-07713-S | THALLIUM     | ND    |      | 0.83  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11959011 | U        | QT1488.0 | 8/30/96  | 0000024766 | 8/28/96      |
| SC-07713-S | THORIUM-230  | 0.91  | 0.12 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3473  |          | WP0133.0 | 9/3/96   | 0000024766 | 8/28/96      |
| SC-07713-S | URANIUM-238  | ND    |      | 3.30  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3473  |          | WP0133.0 | 10/22/96 | 0000024766 | 8/28/96      |
| SC-07714-S | URANIUM-238  | ND    |      | 3.22  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3474  |          | WP0133.0 | 8/31/96  | 0000024767 | 8/28/96      |
| SC-07715-S | URANIUM-238  | ND    |      | 3.08  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3475  |          | WP0133.0 | 8/31/96  | 0000024768 | 8/28/96      |
| SC-07716-S | AROCLOP-1248 | ND    |      | 46.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11959012 | U        | QT1488.0 | 8/30/96  | 0000024769 | 8/28/96      |
| SC-07716-S | AROCLOP-1254 | ND    |      | 46.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11959012 | U        | QT1488.0 | 8/30/96  | 0000024769 | 8/28/96      |
| SC-07716-S | AROCLOP-1260 | ND    |      | 46.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11959012 | U        | QT1488.0 | 8/30/96  | 0000024769 | 8/28/96      |
| SC-07716-S | ARSENIC      | 7.00  |      | 0.58  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11959012 |          | QT1488.0 | 8/30/96  | 0000024769 | 8/28/96      |
| SC-07716-S | CHROMIUM     | 19.10 |      | 0.65  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11959012 |          | QT1488.0 | 8/30/96  | 0000024769 | 8/28/96      |
| SC-07716-S | LEAD         | 14.70 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11959012 |          | QT1488.0 | 8/30/96  | 0000024769 | 8/28/96      |
| SC-07716-S | RADIUM-226   | 1.23  | 0.13 | 0.42  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3476  |          | WP0133.0 | 10/22/96 | 0000024769 | 8/28/96      |
| SC-07716-S | RADIUM-228   | 1.15  | 0.17 | 0.51  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3476  |          | WP0133.0 | 10/22/96 | 0000024769 | 8/28/96      |
| SC-07716-S | THALLIUM     | ND    |      | 0.80  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11959012 | U        | QT1488.0 | 8/30/96  | 0000024769 | 8/28/96      |
| SC-07716-S | THORIUM-230  | 0.85  | 0.12 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3476  |          | WP0133.0 | 9/3/96   | 0000024769 | 8/28/96      |
| SC-07716-S | URANIUM-238  | ND    |      | 4.25  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3476  |          | WP0133.0 | 10/22/96 | 0000024769 | 8/28/96      |
| SC-07717-S | AROCLOP-1248 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11959013 | U        | QT1488.0 | 8/30/96  | 0000024770 | 8/28/96      |
| SC-07717-S | AROCLOP-1254 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11959013 | U        | QT1488.0 | 8/30/96  | 0000024770 | 8/28/96      |
| SC-07717-S | AROCLOP-1260 | ND    |      | 43.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11959013 | U        | QT1488.0 | 8/30/96  | 0000024770 | 8/28/96      |
| SC-07717-S | ARSENIC      | 6.30  |      | 0.52  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11959013 |          | QT1488.0 | 8/30/96  | 0000024770 | 8/28/96      |
| SC-07717-S | CHROMIUM     | 17.30 |      | 0.59  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11959013 |          | QT1488.0 | 8/30/96  | 0000024770 | 8/28/96      |
| SC-07717-S | LEAD         | 10.90 |      | 0.36  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11959013 |          | QT1488.0 | 8/30/96  | 0000024770 | 8/28/96      |
| SC-07717-S | RADIUM-226   | 1.40  | 0.13 | 0.31  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3477  |          | WP0133.0 | 10/23/96 | 0000024770 | 8/28/96      |
| SC-07717-S | RADIUM-228   | 1.08  | 0.16 | 0.44  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3477  |          | WP0133.0 | 10/23/96 | 0000024770 | 8/28/96      |
| SC-07717-S | THALLIUM     | ND    |      | 0.83  | UG/G  | *   |      |          | EPA CLP   | SOIL   | METALS        | 1.00     | 11959013 | U        | QT1488.0 | 8/30/96  | 0000024770 | 8/28/96      |
| SC-07717-S | THORIUM-230  | 0.89  | 0.11 | 0.72  | PC/G  | *   |      |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00     | WSC3477  |          | WP0133.0 | 9/3/96   | 0000024770 | 8/28/96      |
| SC-07717-S | URANIUM-238  | ND    |      | 3.83  | PC/G  | *   |      |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00     | WSC3477  |          | WP0133.0 | 10/23/96 | 0000024770 | 8/28/96      |
| SC-07718-S | AROCLOP-1248 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11959014 | U        | QT1488.0 | 8/30/96  | 0000024771 | 8/28/96      |
| SC-07718-S | AROCLOP-1254 | ND    |      | 41.00 | UG/KG | *   |      |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00     | 11959014 | U        | QT1488.0 | 8/30/96  | 0000024771 | 8/28/96      |

APPENDIX D TABLE D-1

| WSSRAP ID  | PARAMETER    | CONC  | ERR  | DL    | UNITS | VAL<br>QUAL | COMMENTS | METHOD    | MATRIX | CATEGORY      | DL<br>FACT | LAB<br>ID | LAB<br>QUAL | LAB<br>REQ | DATE<br>ANA | SAMPLINK   | DATE<br>SAMPLED |
|------------|--------------|-------|------|-------|-------|-------------|----------|-----------|--------|---------------|------------|-----------|-------------|------------|-------------|------------|-----------------|
| SC-07718-S | AROCLOP-1260 | ND    |      | 41.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11959014  | U           | QT1488.0   | 8/30/96     | 0000024771 | 8/28/96         |
| SC-07718-S | ARSENIC      | 6.20  |      | 0.49  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11959014  |             | QT1488.0   | 8/30/96     | 0000024771 | 8/28/96         |
| SC-07718-S | CHROMIUM     | 12.10 |      | 0.57  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11959014  |             | QT1488.0   | 8/30/96     | 0000024771 | 8/28/96         |
| SC-07718-S | LEAD         | 9.50  |      | 0.35  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11959014  |             | QT1488.0   | 8/30/96     | 0000024771 | 8/28/96         |
| SC-07718-S | RADIUM-226   | 1.23  | 0.10 | 0.29  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3478   |             | WP0133.0   | 10/22/96    | 0000024771 | 8/28/96         |
| SC-07718-S | RADIUM-228   | 1.28  | 0.12 | 0.42  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3478   |             | WP0133.0   | 10/22/96    | 0000024771 | 8/28/96         |
| SC-07718-S | THALLIUM     | ND    |      | 0.79  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11959014  | U           | QT1488.0   | 8/30/96     | 0000024771 | 8/28/96         |
| SC-07718-S | THORIUM-230  | 1.14  | 0.15 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3478   |             | WP0133.0   | 8/3/96      | 0000024771 | 8/28/96         |
| SC-07718-S | URANIUM-238  | 4.10  | 0.82 | 2.73  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3478   |             | WP0133.0   | 10/22/96    | 0000024771 | 8/28/96         |
| SC-07719-S | AROCLOP-1248 | ND    |      | 44.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11959015  | U           | QT1488.0   | 8/30/96     | 0000024772 | 8/28/96         |
| SC-07719-S | AROCLOP-1254 | ND    |      | 44.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11959015  | U           | QT1488.0   | 8/30/96     | 0000024772 | 8/28/96         |
| SC-07719-S | AROCLOP-1260 | ND    |      | 44.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11959015  | U           | QT1488.0   | 8/30/96     | 0000024772 | 8/28/96         |
| SC-07719-S | ARSENIC      | 10.10 |      | 0.53  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11959015  |             | QT1488.0   | 8/30/96     | 0000024772 | 8/28/96         |
| SC-07719-S | CHROMIUM     | 18.50 |      | 0.61  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11959015  |             | QT1488.0   | 8/30/96     | 0000024772 | 8/28/96         |
| SC-07719-S | LEAD         | 12.40 |      | 0.37  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11959015  |             | QT1488.0   | 8/30/96     | 0000024772 | 8/28/96         |
| SC-07719-S | RADIUM-226   | 1.10  | 0.09 | 0.29  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3479   |             | WP0133.0   | 10/22/96    | 0000024772 | 8/28/96         |
| SC-07719-S | RADIUM-228   | 1.34  | 0.14 | 0.43  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3479   |             | WP0133.0   | 10/22/96    | 0000024772 | 8/28/96         |
| SC-07719-S | THALLIUM     | ND    |      | 0.65  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11959015  | U           | QT1488.0   | 8/30/96     | 0000024772 | 8/28/96         |
| SC-07719-S | THORIUM-230  | 1.02  | 0.12 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3479   |             | WP0133.0   | 9/4/96      | 0000024772 | 8/28/96         |
| SC-07719-S | URANIUM-238  | ND    |      | 3.25  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3479   |             | WP0133.0   | 10/22/96    | 0000024772 | 8/28/96         |
| SC-07720-S | URANIUM-238  | ND    |      | 3.08  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3480   |             | WP0133.0   | 8/31/96     | 0000024773 | 8/28/96         |
| SC-07721-C | AROCLOP-1248 | ND    |      | 49.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11959016  | U           | QT1488.0   | 8/30/96     | 0000024775 | 8/28/96         |
| SC-07721-C | AROCLOP-1254 | ND    |      | 49.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11959016  | U           | QT1488.0   | 8/30/96     | 0000024775 | 8/28/96         |
| SC-07721-C | AROCLOP-1260 | ND    |      | 49.00 | UG/KG | *           |          | EPA 8080A | SOIL   | PEST/PCBS     | 1.00       | 11959016  | U           | QT1488.0   | 8/30/96     | 0000024775 | 8/28/96         |
| SC-07721-C | ARSENIC      | 12.10 |      | 0.60  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11959016  |             | QT1488.0   | 8/30/96     | 0000024775 | 8/28/96         |
| SC-07721-C | CHROMIUM     | 20.30 |      | 0.69  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11959016  |             | QT1488.0   | 8/30/96     | 0000024775 | 8/28/96         |
| SC-07721-C | LEAD         | 16.00 |      | 0.42  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11959016  |             | QT1488.0   | 8/30/96     | 0000024775 | 8/28/96         |
| SC-07721-C | RADIUM-226   | 1.19  | 0.12 | 0.35  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3481   |             | WP0133.0   | 10/22/96    | 0000024775 | 8/28/96         |
| SC-07721-C | RADIUM-228   | ND    |      | 1.30  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3481   |             | WP0133.0   | 10/22/96    | 0000024775 | 8/28/96         |
| SC-07721-C | THALLIUM     | ND    |      | 0.95  | UG/G  | *           |          | EPA CLP   | SOIL   | METALS        | 1.00       | 11959016  | U           | QT1488.0   | 8/30/96     | 0000024775 | 8/28/96         |
| SC-07721-C | THORIUM-230  | 1.16  | 0.15 | 0.72  | PC/G  | *           |          | EML TH-01 | SOIL   | RADIOCHEMICAL | 1.00       | WSC3481   |             | WP0133.0   | 9/4/96      | 0000024775 | 8/28/96         |
| SC-07721-S | URANIUM-238  | 3.66  | 0.60 | 2.85  | PC/G  | *           |          | HASL300   | SOIL   | RADIOCHEMICAL | 1.00       | WSC3482   |             | WP0133.0   | 8/31/96     | 0000024774 | 8/28/96         |

APPENDIX D TABLE D-1

| WSSRAP ID      | PARAMETER  | CONC | ERR | DL | UNITS | VAL QUAL | COMMENTS | METHOD | MATRIX | CATEGORY | DIL FACT | LAB ID | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK | DATE SAMPLED |
|----------------|--|------|-----|----|-------|----------|----------|--------|--------|----------|----------|--------|----------|----------|----------|----------|--------------|
| <b>LEGEND:</b> |  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| WSSRAP ID      | WSSRAP IDENTIFICATION CODE   |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| PARAMETER      | PARAMETER THAT WAS ANALYZED  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| CONC           | CONCENTRATION (ND = NON-DETECTED)  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| ERR            | ANALYTICAL ERROR   |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| DL             | DETECTION LIMIT  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| UNITS          | APPROPRIATE UNITS  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| COMMENTS       | ASSOCIATED COMMENTS WITH SAMPLE  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| VAL QUAL       | VALIDATION QUALIFIER:  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
|                | A = DATA MEETING ALL QA/QC REQUIREMENTS. THE PARAMETER WAS ANALYZED FOR AND DETECTED.  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
|                | U = DATA MEETING ALL QA/QC REQUIREMENTS. THE PARAMETER WAS ANALYZED FOR BUT NOT DETECTED. IF A NUMBER IS INCLUDED WITH THE QUALIFIER, THE DL HAS BEEN RAISED TO THE LEVEL IN THE SAMPLE DUE TO BLANK CONTAMINATION |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
|                | J = DATA THAT ARE AN ESTIMATE OR ARE ADEQUATE FOR A SEMI-QUANTITATIVE ASSESSMENT.  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
|                | LJ = THE PARAMETER WAS ANALYZED FOR, BUT WAS NOT DETECTED. THE ASSOCIATED VALUE IS AN ESTIMATED QUANTITY.  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
|                | N = PRESUMPTIVE EVIDENCE OF PRESENCE OF PARAMETER WITH NO ESTIMATION OF QUANTITY.  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
|                | NJ = PRESUMPTIVE EVIDENCE OF PRESENCE OF PARAMETER AT AN ESTIMATED QUANTITY.   |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
|                | DL = DETECTION LIMIT REQUIREMENTS HAVE NOT BEEN MET. DATA QUALITY OBJECTIVES MAY NOT BE MET.   |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
|                | UI = UNCERTAIN IDENTIFICATION OF THE PARAMETER.  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
|                | JE = THE RADIOLOGICAL UNCERTAINTY IS AN ESTIMATED QUANTITY.  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
|                | R = DATA THE ATE UNUSABLE (PARAMETER MAY OR MAY NOT BE PRESENT).   |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
|                | * = DATA THAT HAVE BEEN VALIDATED.   |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
|                | V = DATA THAT APPEAR TO BE VALID BASED ON SIMILAR DATA FROM IDENTICAL SAMPLING LOCATIONS OR BY COMPARISON TO HISTORICAL RECORDS.   |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
|                | O = DATA THAT ARE ON HOLD  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
|                | X = DATA THAT CANNOT BE VALIDATED DUE TO MISSING LABORATORY INFORMATION.   |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| METHOD         | ANALYTICAL METHOD  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| MATRIX         | SAMPLE MATRIX  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| CATEGORY       | ANALYTICAL CATEGORY  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| DIL            | DILUTION FACTOR  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| LAB ID         | IDENTIFICATION GIVEN BY THE LAB  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| LAB QUAL       | LABORATORY QUALIFIER   |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| LAB REQU       | LABORATORY REQUEST NUMBER  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| DATE ANA       | DATE ANALYZED  |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| SAMPLINK       | SAMPLE LINK NUMBER   |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |
| DATE SAM       | DATE SAMPLED   |      |     |    |       |          |          |        |        |          |          |        |          |          |          |          |              |

**APPENDIX E**  
**Unpublished Documents**



# MORRISON KNUDSEN CORPORATION

MK-FERGUSON GROUP

## INTER-OFFICE CORRESPONDENCE

DATE: November 17, 1995  
TO: ALARA Committee  
FROM: Michelle French/Richard Machado  
SUBJECT: RA-226 DETERMINATION FOR SITE CONFIRMATION SAMPLES

### Background

The issue surrounding Ra-226 analysis via gamma spectroscopy arises due to the fact that the Ra-226 soil concentration is determined by using the following energy peaks: 295 keV and 352 keV for Pb-214; and 609 keV, 1120 keV, and 1764 keV for Bi-214. These radionuclides are both short-lived daughters of Rn-222. The drying and grinding processes are known to drive off Rn-222 that is trapped in the soil pores and moisture held in the soil. In order to quantitatively identify Ra-226 using gamma spectroscopy, Rn-222 and its short-lived progeny must be allowed to grow into secular equilibrium following such sample preparation techniques. The following alternatives were evaluated for estimating the Ra-226 concentration in soil given gamma spectroscopy analysis within five working days of sample collection.

### Alternative 1

Send all samples requiring Ra-226 analysis to an offsite laboratory. At offsite facilities, Ra-226 is typically analyzed through alpha spectroscopy which does not rely on the Ra-222 daughter products to provide a quantitative result. The minimum turnaround time that can be provided for alpha spectroscopy analysis for Ra-226 is four days. At one and two day turnaround times, the method for analysis is modified to use Gas Flow Proportional Counting for total alpha counting yielding a total radium number with no separation of isotopic contributions. Given the four day turnaround time and an estimate of 750 samples (WP-253 and WP-420), the total analytical costs will be \$95,250.

The major disadvantage in this approach is the tight schedule involved with sample collection, packaging, shipping, data receipt, data review, and ALARA committee action. It may be impossible to accomplish this within five working days given the four day turnaround requirement.

11-30-95

Alternative 2

As stated above, the drying and grinding processes are known to drive off radon that is trapped in the soil matrix. However, the amount of radon removed from these processes is not quantified. If you were to assume that all the radon is removed during these processes and the time of final preparation was recorded, a correction factor can be applied based upon the secular equilibrium condition equation. For example, the following table summarizes the ratio of activity of Rn-222 to the activity of Ra-226.

| A(Rn-222) / A(Ra-226) | Time Post Canning (Days) |
|-----------------------|--------------------------|
| 0.167                 | 1                        |
| 0.306                 | 2                        |
| 0.422                 | 3                        |
| 0.665                 | 6                        |
| 0.807                 | 9                        |
| 0.888                 | 12                       |
| 0.935                 | 15                       |
| 0.963                 | 18                       |
| 0.978                 | 21                       |
| 0.987                 | 24                       |
| 0.993                 | 27                       |
| 0.996                 | 30                       |

Thus, if the samples were counted three days post canning, a correction factor of 0.422 would be used to determine the estimated final Ra-226 concentration. Given this approach, any concentration determined three days post preparation would be divided by 0.422 to arrive at the final concentration. For a 5 pCi/g ALARA goal, any result above 2.1 pCi/g would be rejected.

The major limitation with this approach is the assumption that the drying and grinding processes remove 100% of the radon. Samples that have been analyzed within one day of preparation have never yielded results much below expected background concentrations (0.8-1.0 pCi/g).

Thus, the use of a correction factor on the order of 0.167 could result in a very conservative approach for estimating the final Ra-226 soil concentration in background soils (in fact all samples analyzed one day after canning would equal or exceed 5 pCi/g).

#### Alternative 3

All samples that are collected to support confirmation can be analyzed as wet samples to virtually eliminate the radon removal that occurs during sample preparation. However, there are numerous considerations, such as sample homogeneity, particle size, moisture content variability, etc., that can produce error in such analyses. If the samples are analyzed wet, they would also be prepared and analyzed to provide final concentrations for each radionuclide of interest for the sample. This dry evaluation would require an analysis within the confirmation cleanup turnaround period and a second analysis within 20-30 days later to finalize Ra-226 concentrations to an acceptable quality level. This approach would involve three analyses of every sample. The initial wet analysis can be used to estimate the final Ra-226 concentration. However, this estimate must be made on a case by case basis through moisture corrections, etc.

The major limitation for this approach is the reduction in lab productivity as an extra canning effort would be needed to generate a wet and a dry sample for each sample and count time for each sample would increase by a factor of three.

#### Alternative 4

Over the last several months, the onsite radiological laboratory has been recounting samples that were analyzed during the months of April - September 1995. These reanalyses were done in order to support final analyses of SE Drainage and Quarry characterization samples. The graph on the attached page illustrates a portion of the recount results versus the initial results. The graph includes those samples that had initial Ra-226 results < 5 pCi/g. As illustrated, the background - 2.2 pCi/g sample range had 100% of all sample recounts fall less than 5 pCi/g. For those in the range of 2.2 - 3.2 pCi/g, the likelihood of exceeding 5 pCi/g was approximately 50%. All of the samples with initial results greater than 3.2 pCi/g had final Ra-226 results > 5 pCi/g.

Page 4: RA-226 DETERMINATION FOR SITE CONFIRMATION SAMPLES

This information can be used to establish a criteria about which samples can be said to meet the ALARA goal of 5 pCi/g within the five working day turnaround window.

Given the current study findings, it is recommended that any sample with an initial Ra-226 result  $> 2.2$  pCi/g be expected to exceed the ALARA goal of 5 pCi/g. In addition, the estimated final Ra-226 soil concentration should be found by multiplying the initial result by 2.27 ( $2.2 \text{ pCi/g} \times 2.27 = 5 \text{ pCi/g}$ ). This correction factor is very close to the maximum increase from initial results to recount results (e.g., 2.56) in the background to 2.2 pCi/g concentration range. The average increase from initial results to recount results for this range was 1.51. However, use of a value closer to the maximum value affords less risk in exceeding expected confirmation goals. The laboratory will work to refine these numbers to further minimize the risk as they continue to recount samples collected over the last few months. The major limitation with this alternative is the potential to over excavate, increasing disposal costs.

Alternative 5

This alternative involves a combination of alternatives 3 and 4. Samples that do not have elevated direct survey results via a 2x2 NaI or a 44-9 survey should be prepared and evaluated in accordance with alternative 4. Samples that do have above background survey results will be analyzed wet and evaluated accordingly to determine the estimated final Ra-226 concentration. The sample will then be prepared and analyzed a second time to provide quality level data for the other radionuclides of interest. In addition, each prepared sample would be analyzed within 30 days after preparation to finalize the Ra-226 concentration to an acceptable quality level.

The major limitation with this approach is the loss in productivity as a result of the double canning needs and increased count times for a portion of the samples.

Recommendation

The Onsite Radiological Laboratory recommends the use of alternative 4. This alternative minimizes risk of failing to meet expected cleanup ALARA goals and provides for maximum efficiency/productivity within the laboratory. The second favorable alternative is number 5. This alternative would increase the workload in the laboratory, but would further reduce the risk of over excavation and failure to meet desired cleanup objectives.

Page 5: RA-226 DETERMINATION FOR SITE CONFIRMATION SAMPLES

In all of the above alternatives, the estimated final Ra-226 concentration will be used in conjunction with the measured Ra-228 concentration as follows to determine if the mixture rule for the ALARA goals as described in the Record of Decision is achieved.

$$\frac{\text{Est. Final Ra-226 (pCi/g)}}{5 \text{ pCi/g}} + \frac{\text{Ra-228 (pCi/g)}}{5 \text{ pCi/g}} = \text{Mixture Ratio}$$

If mixture ratio  $\leq 1$ , then the sample meets cleanup confirmation design. If mixture ratio  $> 1$ , then the sample must be considered by the ALARA committee.

MLF/RM/pr

Attachment

Distribution:

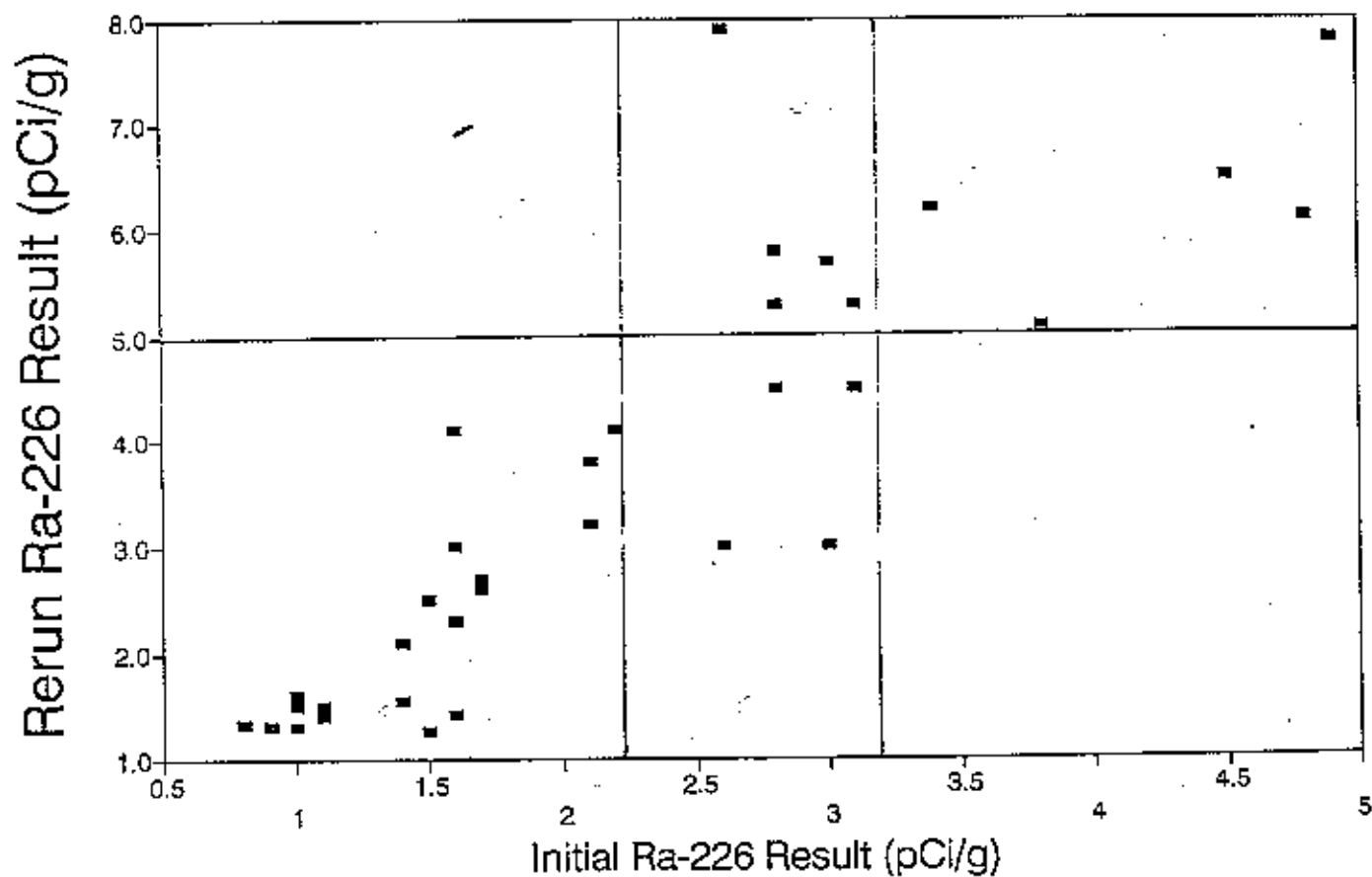
Ken Meyer  
Steve Warren  
Ken Greenwell  
Jim Meier

Alternates: Marj Wesley  
Jack Cooney  
Dan Hoffman

cc: Melissa Lutz

# Ra226 Concentration Range

Background - 5.0 pCi/g





## MORRISON KNUDSEN CORPORATION

MK-FERGUSON GROUP

INTER-OFFICE CORRESPONDENCE

DATE: November 20, 1995

TO: ALARA Committee

FROM: R. Richard Machado/Michelle French *mf*

SUBJECT: TH232 DETERMINATION FOR SITE CONFIRMATION SAMPLES

Th232 can occur in two forms at the site: (1) naturally and (2) processed to purify Th232. Both of these forms are subject to the same transformation equation. Given a Th232 half life of  $1.39 \times 10^{10}$  years and a Ra228 half life of 5.75 years, a condition known as secular equilibrium occurs. Secular equilibrium occurs when the half life of the parent is very much greater than that of the daughter. If an initially pure parent (Th232) is formed, its radioactive transformation will result in accumulation of the daughter (Ra228). Since the daughter (Ra228) decays very much faster than the parent (Th232), a point is soon reached at which the amount of parent (Th232) present is equal to that of the daughter (Ra228).

The equation that represents this condition of secular equilibrium is:

$$Q_B = Q_A (1 - e^{-\lambda_B t})$$

where  $Q_A$ =parent (Th232) activity,  $Q_B$ =daughter (Ra228) activity,  $t$ =time since placement of material, and  $\lambda_B$ =decay constant for daughter (Ra228). Therefore, the fraction of daughter activity to parent activity

$$\left( \frac{A(RA-228)}{A(Th-232)} \right)$$

present at the WSSRAP in 1995 can be calculated.

Assume that production ceased at the site on January 1, 1965, and that all Th232 was produced on that very last day ( $t=30.9$  years). Given a half life for Ra228 of 5.75 years, the decay constant would equal

$$(\lambda_B = 0.121 \text{ Y}^{-1})$$

11-30-95

PAGE 2: TH232 DETERMINATION FOR SITE CONFIRMATION SAMPLES

Given this information, the ratio of Ra228 activity to Th232 activity can be calculated as follows:

$$\frac{Q_S}{Q_A} = \frac{A(Ra-228)}{A(Th-232)} = 1 - e^{-\lambda_S t}$$

$$\frac{A(Ra-228)}{A(Th-232)} = 1 - e^{-(0.121Y^{-1})(30.9Y)} = 1 - 0.024 = 0.976$$

$$\therefore \frac{A(Ra-228)}{A(Th-232)} = 0.976 \text{ or } A(Th-232) = 1.025 A(Ra-228)$$

This representation will be true for both naturally occurring Th232 and processed Th232. The other situation to be addressed includes the circumstance when Ra228 and associated decay products were placed as a waste material after purification of Th232. In this situation, the amount of Ra228 present will be much greater than the Th232 present. This information is illustrated in a previous assessment of the ratio of Ra228 concentrations to that of Th232 in raffinate pit wastes. The average ratio was reported as 7.02 in the Concentration Ratios of Radionuclides in the U238, U235, and Th232 Decay Series (DOE/OR/21548-250), indicating that the average activity concentration for Th232 is 0.14 of the activity concentration for Ra228.

The Record of Decision states that if Th232 and Ra228 are present and not in secular equilibrium, the cleanup criteria apply for the radionuclide with the higher concentration. Thus, for determination of successful cleanup, the use of a Ra-228 ALARA goal of 4.88 pCi/g and a criteria of 6.05 pCi/g will result in removing Th232 to within 5 pCi/g (ALARA) and 6.2 pCi/g (criteria), respectively.

Given this practice, it is recommended that the on-site radiological analyses for Ra-228 concentrations in soil be used to determine attainment of Th-232 cleanup. It is also recommended that 2% of the samples (1 of every 50) that are independently analyzed via an off-site facility be used as a quality check for all radionuclides of interest (U238, Th230, Th232, Ra228, and Ra226). In addition, these numbers should be summarized in post remediation reports for each work package to support the decision to use Ra228 to determine successful cleanup of Th232.

RM/MF/jn

Distribution: ALARA Committee

Steve Warren  
Ken Meyer  
Ken Greenwell  
Jim Meier

Alternates:

Marj Wesley  
Jack Cooney  
Dan Hoffman  
Melissa Lutz



# MORRISON KNUDSEN CORPORATION

## MK-FERGUSON GROUP

INTER-OFFICE CORRESPONDENCE

DATE: April 30, 1996  
TO: File  
FROM: Craig Kish, TDY-Denver *CK*  
SUBJECT: USE OF SUBSURFACE CRITERIA LIMITS FOR BACKFILLED CONFIRMATION UNITS

Jim Meier and Craig Kish posed to Steve Warren the issue of whether subsurface criteria, which are less restrictive than surface criteria limits, can be used to determine if a confirmation unit that will be backfilled has met the criteria limits for final disposition. While Section 3.2.3.1, page 15, of the Chemical Plant Area Cleanup Attainment Confirmation Plan, Rev. 3, December 1995, states that "[subsurface contaminant ALARA goals will be used in areas designated to receive at least 15 cm (6 in.) of clean backfill for final grading purposes[.], Steve Warren confirmed that the intent is to apply both subsurface ALARA goals and subsurface cleanup criteria limits when dispositioning a confirmation unit (emphasis added.)

Therefore, the subsurface cleanup criteria will be used in all backfilled confirmation units to determine if hot spots are present. The subsurface criteria will hence be used to determine when to further excavate the hot spots that are less than three times the criteria and less than 25 square meters using the relationship; excavation is required if the maximum concentration exceeds the cleanup criteria multiplied by the value of the square root of 100 divided by the area of the hot spot (the areal extent over the cleanup criteria). This also changes the value used to determine those areas more than three times the cleanup criteria that are automatically further excavated.

If a confirmation unit will only be partially backfilled, then the confirmation unit should be divided so that the confirmation unit can be dispositioned using the appropriate ALARA goal and cleanup criteria value for each section.

CK/jn

cc: File  
Melissa Lutz  
Jim Meier  
Mike Quinonez  
Steve Warren

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65336

65337

ENGINEERS  
AND  
CONSTRUCTORS

**MORRISON KNUDSEN CORPORATION****MK-FERGUSON GROUP**

WELDON SPRING SITE REMEDIAL ACTION PROJECT  
7295 HIGHWAY 94 SOUTH  
ST. CHARLES, MISSOURI 63304  
PHONE: (314) 441-8086

October 20, 1996

U. S. Department of Energy  
Weldon Spring Site  
Remedial Action Project  
ATTN: Mr. Stephen H. McCracken  
Project Manager  
7295 Highway 94 South  
St. Charles, MO 63304

SUBJECT: Contract No. DE-AC05-86OR21548  
INVESTIGATION OF TOLUENE CONTAMINATED SOIL - WP420

Dear Mr. McCracken:

The following is a chronology of the events that have transpired to date concerning the toluene contaminated soils at the Weldon Spring Chemical Plant and our recommended approach for managing these soils.

On September 10, 1996, during WP-420 contaminated soil removal southeast of Building 301, an equipment operator detected a solvent odor in the excavated soils. The source area, which is within Confirmation Units (CUs) 54 and 60, is located along the former chemical plant roadway running north and south between Building 417 and Building 301. The area was immediately evacuated and demarcated.

Preliminary air sampling and analysis conducted on September 11, 1996, using a Photoionization Detector (PID) indicated volatile organic compounds present within the source area at approximately 825 ppm. PID readings on the headspace of collected soil samples reached a maximum of 200 ppm. Vapor analysis using Draeger tubes indicated the presence of hexane at approximately 70 ppm. Quantitative off-site analysis of soil samples resulted in the detection of toluene at 1.3 ppm. A gas chromatography/hydrocarbon scan (GC/HS) analysis from two additional soil samples collected on September 18, 1996, indicated toluene as the sole contaminant, with results ranging from 120 ppm to 470 ppm.

On September 19, 1996, toluene-contaminated soil removal began in the area. Soil removal was guided by PID readings taken on freshly exposed fissures within the excavation. Approximately 60

020233

OCT 21 1996

Page 2 INVESTIGATION OF TOLUENE CONTAMINATED SOIL - WP420

cubic yards of contaminated soil was removed based on non-detection criteria using the PID.

On September 20, 1996, during the confirmation walkover in CUs 54 and 60, personnel again detected a solvent odor which was subsequently confirmed as volatile organic compounds (VOCs) using the PID. Concentrations up to 2,000 ppm were detected. Contaminated soil removal was resumed on September 21, 1996, using PID readings as guidance. After removing approximately 45 cubic yards of soil, field activities were halted due to increasing PID readings.

Following a reevaluation of the problem, soil samples were collected for off-site analysis. The results indicated toluene contamination ranging from 2.2 ppm to 42 ppm. Excavation was resumed on October 2, 1996, which, to date, has generated a total of approximately 690 cubic yards of contaminated soils.

On October 3, 1996, seven additional soil samples were collected for off-site analysis. The results indicated toluene concentrations ranging from non-detect to 170 ppm. Further excavation of the contaminated soils was halted pending a determination of cleanup standards.

Since toluene was not identified as a contaminant of concern in the Chemical Plant Record of Decision (ROD), no cleanup standards were developed. VOCs were included in the Chemical Plant Phase II Soils Investigation, where only eight out of approximately 250 soil samples had toluene levels above the detection limit, with the highest value being 157 ppb. These data were included in the Chemical Plant Remedial Investigation Report and associated Baseline Risk Assessment.

In an effort to establish a reasonable cleanup standard, Argonne National Laboratory (ANL) performed calculations based on Environmental Protection Agency (EPA) guidance, "Risk Assessment Guidance for Superfund, Volume I," which resulted in a value of 60,000 mg/kg. Upon further investigation, it was discovered that cleanup levels have been established by the Missouri Department of Health (MDOH) in proposed rule 19 CSR 20-9.020 and incorporated within Missouri Department of Natural Resources (MDNR) guidance as "Any-Use Soils" (ASLs) standards. The ASL for toluene is 11,000 ppm. To be consistent with the rationale to establish cleanup standards outlined in the Chemical Plant ROD (see Footnote (b), Table 9-4, Page 82) the ASL (11,000 ppm) provided by the MDOH 1992 proposed rule will be used as the as low as is reasonably achievable (ALARA) goal for toluene contaminated soil and the risk-based level established by ANL (60,000 ppm) will be used as criteria. All areas where toluene contamination has been detected will be confirmed per these cleanup criteria.

Page 3 INVESTIGATION OF TOLUENE CONTAMINATED SOIL - WP420

In an effort to determine the source of the toluene contamination, drawings of the Weldon Spring Ordinance Works were reviewed which indicate that several 3 inch steel pipelines used for toluene transfer, a railroad track, and a roadway once intersected within the current area of contamination. The drawings also reveal the presence of a valve box housing a "T" junction and two valves on the pipeline within the area of contamination.

Site excavation activities under WP-420 and exploratory excavations in 1994 confirm the absence of any remaining pipelines. It should be noted that none of the eight toluene data points from the Phase II soils investigation correlate to the locations of any toluene pipelines which indicates a point source.

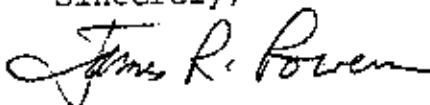
Relative to the chemical plant layout, the area of contamination is in close proximity to the footprint of the roadway east of Building 301. In addition, the site process and sanitary sewer lines were relatively close to the area of contamination. Building 417, the Paint Shop, was located within several hundred feet of the contamination area.

The toluene-contaminated soils are currently stored at the temporary storage area in a poly-covered stockpile and separated from other soil stockpiles. Future management of the soils (i.e., treatment and disposal) will be predicated upon final classification of the waste.

For your convenience, we have attached a draft letter addressed to Mr. Dan Wall of the EPA and Mr. Larry Erickson of the MDNR.

If you should have any questions, please contact David Hixson at extension 3110.

Sincerely,



James R. Powers  
Project Director

JRP/dsh/lac

cc: Pamela Thompson



# MORRISON KNUDSEN CORPORATION

## MK-FERGUSON GROUP

### INTER-OFFICE CORRESPONDENCE

DATE: September 30, 1996

TO: Thom Myers

FROM: ~~Melissa Lutz~~ MLD

SUBJECT: ENGINEERING CHARACTERIZATION AND CONFIRMATION OF THE TOLUENE AREA IN WP420 (Zone 2)

This IOC explains how field instruments will be used to direct additional excavation of the toluene area and the confirmation soil sampling that will follow. Currently, the toluene area is approximately 400 ft<sup>2</sup> and has been excavated to a depth of 6 ft. This area has been pursued northeast of the initial toluene location.

In order to maximize field resources and minimize equipment down time, the following field techniques will be implemented. A photo-ionization detector (PID) will be used to delineate both the horizontal and vertical extent of the toluene area. This information will help determine the which areas require additional excavation. The horizontal delineation will be determined prior to the equipment beginning excavation, while the vertical delineation will be done almost simultaneously while excavating.

To determine horizontal extent, boreholes will be spaced every 5 ft around the boundaries of the current excavation. These boreholes will be placed approximately 10 ft from the current boundary to the north and approximately 5 ft. from the east and south boundaries. Each borehole will be hand augured to a depth of 1-2 ft. The PID probe will be lowered into each borehole and the toluene readings recorded in the logbook. If the instrument readings are at background levels for toluene, then the information will be recorded and the borehole location will mark the boundary of the excavation cut line. If the PID instrument does detect toluene above background, then the soil represented by that borehole will be considered contaminated and a new borehole will be hand augured 5 ft. away (in the direction away from the toluene area).

Once the horizontal extent has been determined, excavation can begin. A decision has been made to automatically remove 5 ft of soil (from current grade) prior to any field surveys. This decision was based upon a previous sample containing toluene that was collected approximately 2.5 ft below current grade. As the 5 ft envelope of soil is removed, field personnel will gather toluene readings using the PID. If no toluene is detected once the 5 ft soil envelope is removed, then

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**PAGE 2: ENGINEERING CHARACTERIZATION AND CONFIRMATION OF THE  
TOLUENE ARE IN WP420 (ZONE 2)**

excavation will be considered complete. If toluene is still detected, then a 2 ft lift of soil will be removed until the PID toluene readings are at background levels. Once the readings both vertically and horizontally are background levels, the area is ready for confirmation.

The cleanup criteria for toluene was determined to be 5 ppm, using the UST regulations for the State of Missouri. The calculation used to develop the toluene cleanup criteria at the WSSRAP is documented in a letter from the PMC to DOE entitled "Investigation of Toluene contaminated soil in WP420 Remediation Unit No. 2."

Since this area has not yet been confirmed under the *Confirmation Sampling Plan Details for the Chemical Plant Area Foundation and Contaminated Soils Removal (WP420)*, toluene will be added to the confirmation parameters for confirmation sample locations that fall within this excavation. Based upon the confirmation requirements presented in the *Chemical Plant Cleanup Attainment Confirmation Plan, Rev. 3*, the number of samples required to confirm for toluene falls within the 28 samples per confirmation unit. Depending upon how the confirmation grid falls across the toluene excavated area, additional samples may be collected.

ML/jk

cc: Confirmation File  
S. Warren  
G. Beyer  
D. Hoffman  
J. Meier  
T. Bryant  
J. Walker  
J. Delaney



MORRISON KNUDSEN CORPORATION  
MK-FERGUSON GROUP

INTER-OFFICE CORRESPONDENCE

DATE: January 20, 1997  
TO: Confirmation File  
FROM: Melissa Lutz *ML*  
SUBJECT: WP420 CONFIRMATION CHANGES IN RU007 (ZONE 2)

There was one change made in RU007 to the confirmation units as outlined in the *Confirmation Sampling Plan Details for the Chemical Plant Area Foundations and Contaminated Soils Removal (WP-420)*, Rev 0 (Document Number DOE/OR/21548-590).

The CU053 area contained manholes which could not be excavated without disturbing the adjacent Site Water Treatment Plant Ponds 3 and 4. In order not to jeopardize the integrity of these ponds, it was decided to delay the removal of these manholes CU053, therefore was deleted from the WP420 confirmation activities. This area will be remediated and confirmed under a future work package at a later date. The location of CU053 can be seen on the attached figure.

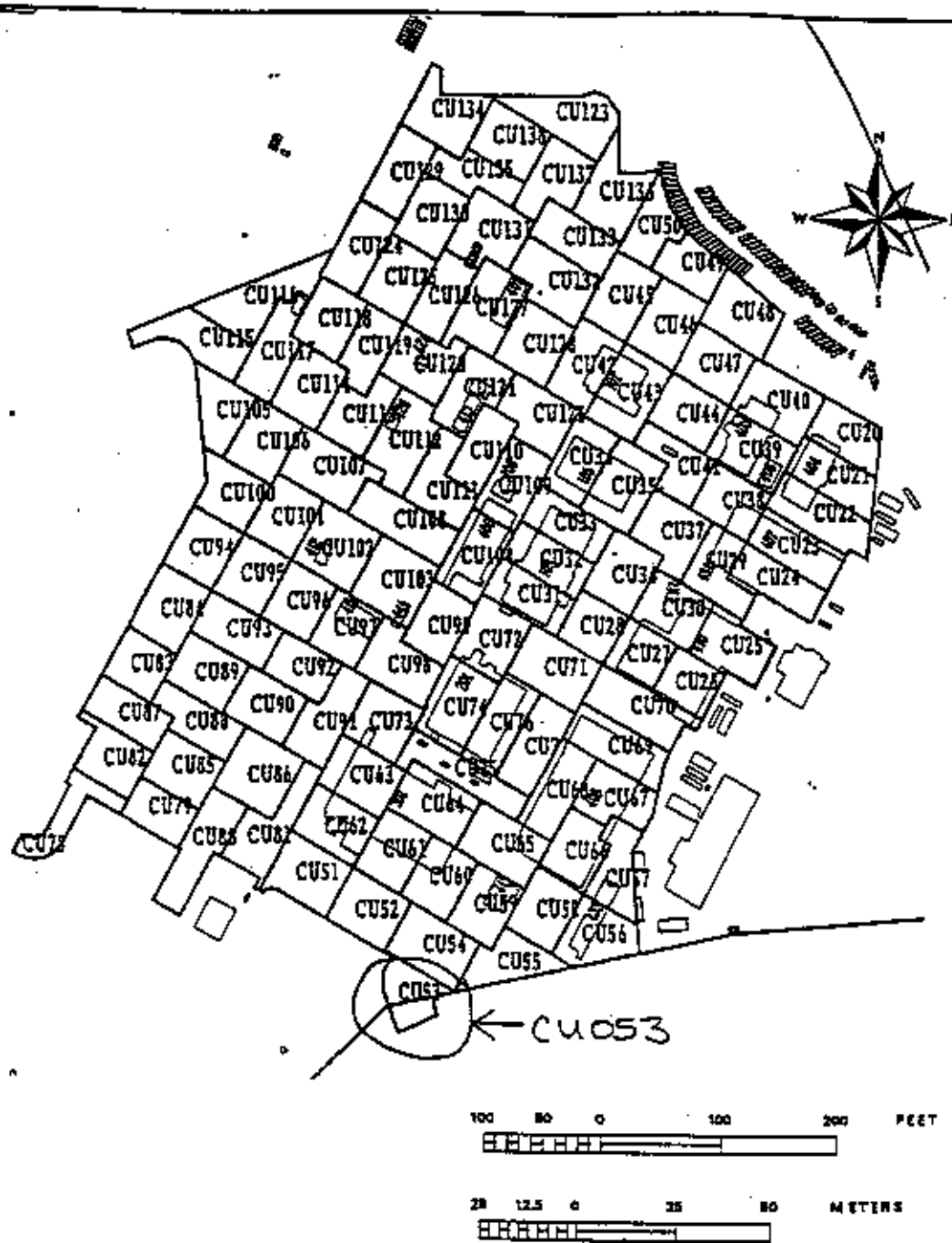
If you have any questions, please call me at x3544.

Attachment

ML/jk

cc: D. Powell  
D. Capps  
J. Meier

q:\es4h\lutz\wp420ru7.loc



### LEGEND

RU006 -- CU020 THRU CU050  
 RU007 -- CU051 THRU CU077  
 RU008 -- CU078 THRU CU093  
 RU009 -- CU094 THRU CU122  
 RU010 -- CU123 THRU CU138

Review Form #

Remedial Units for WP-420

Figure: 1-1

REPORT NO.: DOE/OR/21548-590

EXHIBIT NO.: E/CP/006/0196

ORIGINATOR: EMD

DRAWN BY: WSSRAP

DATE: 01/96



## MORRISON KNUDSEN CORPORATION

## MK-FERGUSON GROUP

## INTER-OFFICE CORRESPONDENCE

DATE: September 12, 1996

TO: Darrell Capps

FROM: ~~Melissa Lutz~~SUBJECT: ORISE AREA WITHIN RU006<sup>7</sup>CU066

ORISE located two areas (near SC-06610-S and SC-06612-S) within CU066 with elevated readings during a visit on 08/28/96. Within these two areas, five separate locations were flagged, 2 near SC-06610-S and 3 near SC-06611-S. The locations with the highest readings were sampled from each area. The results for these areas are as follows:

| ID              | PARAMETER | RESULTS      | DL   |
|-----------------|-----------|--------------|------|
| SC-06610-S-HS01 | U-238     | 8.86 PCI/G   | 4.91 |
|                 | RA-226    | 194.49 PCI/G | 0.83 |
|                 | RA-228    | 1.37 PCI/G   | 0.83 |
| SC-06611-S-HS02 | U-238     | 6.82 PCI/G   | 4.57 |
|                 | RA-226    | 14.96 PCI/G  | 0.48 |
|                 | RA-228    | 1.29 PCI/G   | 0.66 |

All results were below ALARA, with the exception of Ra226 results from both locations. The value from SC-06610-S-HS01 exceeded three times criteria and the value from SC-06611-S-HS02 exceeded criteria by almost 3 times. Based upon these results and the close proximity of the areas, the areas were combined and the entire area re-excavated. This re excavation encompassed all five locations flagged by ORISE. After the re-excavation, the areas were walked over with the NaI (results less than 1.5x background) and resampled at three locations within the area. The results are listed below:

|                 |        |            |      |
|-----------------|--------|------------|------|
| SC-06610-S-RS01 | U-238  | 1.77 PCI/G | 3.54 |
|                 | RA-226 | 2.41 PCI/G | 0.34 |
|                 | RA-228 | 0.48 PCI/G | 0.96 |
|                 | TH-230 | 1.05 PCI/G | 0.72 |
| SC-06610-S-RS02 | U-238  | 2.06 PCI/G | 4.12 |
|                 | RA-226 | 2.25 PCI/G | 0.36 |
|                 | RA-228 | 1.13 PCI/G | 0.61 |
|                 | TH-230 | 1.08 PCI/G | 0.72 |
| SC-06611-S-RS01 | U-238  | 1.53 PCI/G | 3.07 |
|                 | RA-226 | 2.41 PCI/G | 0.24 |
|                 | RA-228 | 1.13 PCI/G | 0.41 |
|                 | TH-230 | 1.16 PCI/G | 0.72 |

PAGE 2:     ORISE AREA WITHIN RU006<sup>7</sup>CU066

All results were below ALARA. When the re excavation results from SC-06610-S-RS01, SC-06610-RS02, and SC-06611-S-RS01 were averaged with the other confirmation results for CU066, the averages for the confirmation unit remain below ALARA. The disposition status of this confirmation unit can now be returned to its prior status of unrestricted.

cc: Confirmation File  
    J. Meier  
    M. Quinonez  
    J. Fugate

**MORRISON KNUDSEN CORPORATION****MK-FERGUSON GROUP****INTER-OFFICE CORRESPONDENCE**

DATE: September 12, 1996

TO: Darrell Capps

FROM: ~~Melissa Lutz~~SUBJECT: ORISE AREA WITHIN RU006<sup>7</sup>CU069

ORISE located one area within CU069 with elevated readings during a visit on 08/27/96. This area was located approximately 10 ft east of the confirmation sampling point SC-06913-S. The results for this area are as follows:

| ID              | PARAMETER | RESULTS      | DL    |
|-----------------|-----------|--------------|-------|
| SC-06913-S-HS01 | U-238     | 25.92 PCI/G  | 13.65 |
|                 | RA-226    | 194.42 PCI/G | 1.69  |
|                 | RA-228    | 1.86 PCI/G   | 1.72  |

All results were below ALARA, with the exception of Ra226 (194.49 pCi/g). This value exceeded three times criteria. Based upon these results, this area was re-excavated. After the re-excavation, the area was walked over with the NaI (results less than 1.5x background) and resampled. The results are listed below:

|                 |        |            |      |
|-----------------|--------|------------|------|
| SC-06913-S-RS01 | U-238  | 1.51 PCI/G | 3.03 |
|                 | RA-226 | 2.38 PCI/G | 0.28 |
|                 | RA-228 | 1.09 PCI/G | 0.46 |
|                 | TH-230 | 1.04 PCI/G | 0.72 |

All results were below ALARA. When the re excavation results from SC-06913-S-RS01 are averaged with the other confirmation results for CU069, the averages for the confirmation unit remain below ALARA. The disposition status of this confirmation unit can now be returned to its prior status of unrestricted.

cc: Confirmation File  
J. Meier  
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**APPENDIX F**  
**ORISE Hot Spot Report Table**

**APPENDIX F  
TABLE F-1  
Orise Hotspot Report WP-420 (RU7)**

| CU # | DATE    | HOTSPOT<br>PARAMETER  | WSSRAP - ID    | LOCATION<br>DESCRIPTION | APPROXIMATE<br>SIZE M <sup>2</sup> | ORISE 1x1<br>READINGS | 44-8<br>READINGS | SAMPLE<br>RESULTS (pCi/g) <sup>a</sup> | REMEDIED<br>(Y or N) | RESULTS<br>AFTER<br>REMEDATION |
|------|---------|-----------------------|----------------|-------------------------|------------------------------------|-----------------------|------------------|--|----------------------|--------------------------------|
| 58   | 8/28/96 | U-238                 | SC-5802-S-HS01 | 10' NE of ID            | 3' x 3'                            | -                     | 810              | 147                                    | Y                    | ND                             |
| 58   | 8/28/96 | U-238                 | SC-5802-S-HS02 | 7' East of ID           | 3' x 3'                            | -                     | 432              | 158                                    | Y                    | ND                             |
| 58   | 8/28/96 | U-238                 | SC-5802-S-HS03 | 15' South of ID         | 6' x 8'                            | 40K                   | 2200             | 696*                                   | Y                    | ND                             |
| 58   | 8/28/96 | U-238                 | SC-5803-S-HS01 | 8' North of ID          | 3' x 3'                            | -                     | 1200             | 277                                    | Y                    | ND                             |
| 58   | 8/28/96 | U-238                 | SC-5814-S-HS01 | 15' NE of ID            | 3' x 3'                            | -                     | 482              | 1720*                                  | Y                    | 110.1                          |
|      |         |                       |                |                         |                                    |                       |                  |  |                      |                                |
| 66   | 8/28/96 | Ra-226/Ra-228         | SC-6810-S-HS01 | 8' South of ID          | 3' x 3'                            | -                     | 542              | 194*/1.4                               | Y                    | 2.41                           |
| 66   | 8/28/96 | Ra-226/Ra-228         | SC-6811-S-HS02 | 8' SW of ID             | 10' x 10'                          | -                     | 1400             | 15/1.3                                 | Y                    | 2.41                           |
|      |         |                       |                |                         |                                    |                       |                  |  |                      |                                |
| 69   | 8/27/96 | Ra-226/Ra-228         | SC-6913-S-HS01 | 10' East of ID          | 3' x 4'                            | -                     | 780              | 194*/1.9                               | Y                    | 2.36                           |
|      |         |                       |                |                         |                                    |                       |                  |  |                      |                                |
| 74   | 9/4/96  | U-238                 | SC-7422-S-HS01 | 18' NE of ID            | 2' x 2'                            | 7K                    | 150              | 112                                    | N                    | N/A                            |
| 74   | 9/4/96  | U-238                 | SC-7417-S-HS01 | 9' SE of ID             | 3' x 3'                            | 8K                    | 400              | 46                                     | N                    | N/A                            |
|      |         |                       |                |                         |                                    |                       |                  |  |                      |                                |
| 65   | 9/19/96 | U-238                 | SC-6518-S-HS01 | 10' NE of ID            | 2' x 3'                            | 8K                    | 350              | 26                                     | N                    | N/A                            |
| 65   | 9/19/96 | U-238                 | SC-6511-S-HS01 | 12' NE of ID            | 3' x 3'                            | 6K                    | 400              | 180                                    | N                    | N/A                            |
|      |         |                       |                |                         |                                    |                       |                  |  |                      |                                |
| 71   | 10/9/96 | N/A, No samples taken | SC-7108-S-HS01 | 8' SE of ID             | 2' x 2'                            | -                     | 705              | Not sampled                            | Y                    | Rewalked over<br><Background   |
| 71   | 10/9/96 | N/A, No samples taken | SC-7109-S-HS01 | 1' SE of ID             | 2' x 2'                            | -                     | 2790             | Not sampled                            | Y                    | Rewalked over<br><Background   |
|      |         |                       |                |                         |                                    |                       |                  |  |                      |                                |
| 72   | 10/9/96 | N/A, No samples taken | SC-7205-S-HS01 | 9' South of ID          | 2' x 2'                            | -                     | 12000            | Not sampled                            | Y                    | Rewalked over<br><Background   |
| 72   | 10/9/96 | N/A, No samples taken | SC-7206-S-HS01 | 12' NW of ID            | 2' x 2'                            | -                     | 4000             | Not sampled                            | Y                    | Rewalked over<br><Background   |

- \* - These results exceed 3x criteria.
- a - These results are preliminary. Final results are reported in Appendix D.
- b - See the following page for hot spot calculation.

## APPENDIX F HOT SPOT CALCULATIONS

### CU 65

The ORISE hot spot found in CU65 was located approximately 12 ft NE of SC-06511-S. The area was approximately 1 m<sup>2</sup>. A sample was collected in the location with the most elevated gamma reading identified as SC-06511-S-HS01. The Ra-226, Ra-228, and Th-230 results were less than ALARA. The U-238 result was 159 pCi/g, which exceeds criteria. The hot spot formula was used to calculate the acceptable U-238 concentration that could be left in place for a 1 m<sup>2</sup> area. The calculation is shown below:

$$\text{Maximum Concentration} = (\text{Cleanup Criteria}) \times (100/A)^{1/2}$$

$$\text{Maximum Concentration} = (120) \times (100/1)^{1/2}$$

$$\text{Maximum Concentration} = 1,200 \text{ pCi/g}$$

The maximum concentration given by the formula exceeded three times criteria, therefore the maximum U-238 concentration that could be left would be 360 pCi/g. This area met the hot spot rule and no further excavation was required.

APPENDIX G  
QA/QC Comparison to Analytical Data

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER    | CONC   | ERR | DL     | UNITS | RPD   | DER | VAL<br>QUAL | METHOD    | MATRIX        | CATEGORY  | DIL | LAB<br>ID  | LAB<br>QUAL | LAB<br>REQD | DATE<br>ANA | SAMPLINK   | DATE<br>SAM |
|---------------|--------------|--------|-----|--------|-------|-------|-----|-------------|-----------|---------------|-----------|-----|------------|-------------|-------------|-------------|------------|-------------|
| SC-05214-S    | AROCLOR-1248 | ND     |     | 40.00  | UG/KG | N/A   | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12100006   | U           | QT1403.0    | 9/20/98     | 0000023688 | 9/18/98     |
| SC-05214-S-EB | AROCLOR-1248 | ND     |     | 1.000  | UG/L  | N/A   | N/A | *           | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L295001  | U           | WS1120.0    | 9/24/98     | 0000030158 | 9/18/98     |
| SC-05214-S-FR | AROCLOR-1248 | ND     |     | 40.00  | UG/KG | NOTE1 | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12100006   | U           | QT1403.0    | 9/20/98     | 0000030157 | 9/18/98     |
| SC-05214-S-SD | AROCLOR-1248 | ND     |     | 40.00  | UG/KG | NOTE1 | N/A | *           | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L295002  | U           | WS1120.0    | 9/24/98     | 0000030158 | 9/18/98     |
| SC-05418-S    | AROCLOR-1248 | ND     |     | 41.00  | UG/KG | N/A   | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12100017   | U           | QT1403.0    | 9/20/98     | 0000023730 | 9/18/98     |
| SC-05418-S-EB | AROCLOR-1248 | ND     |     | 1.000  | UG/L  | N/A   | N/A | *           | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L295003  | U           | WS1120.0    | 9/24/98     | 0000030165 | 9/18/98     |
| SC-05418-S-FR | AROCLOR-1248 | 130.00 |     | 42.00  | UG/KG | NOTE1 | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12100018   | U           | QT1403.0    | 9/20/98     | 0000030168 | 9/18/98     |
| SC-05418-S-SD | AROCLOR-1248 | ND     |     | 41.00  | UG/KG | NOTE1 | N/A | *           | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L295004  | U           | WS1120.0    | 9/24/98     | 0000030168 | 9/18/98     |
| SC-05502-S    | AROCLOR-1248 | ND     |     | 38.00  | UG/KG | N/A   | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11883001   | U           | QT1458.0    | 9/24/98     | 0000023744 | 9/22/98     |
| SC-05502-S-EB | AROCLOR-1248 | ND     |     | 2.00   | UG/L  | N/A   | N/A | *           | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L077001  | U           | WS1110.0    | 9/12/98     | 0000029423 | 9/22/98     |
| SC-05502-S-FR | AROCLOR-1248 | ND     |     | 38.000 | UG/KG | NOTE1 | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11883002   | U           | QT1458.0    | 9/24/98     | 0000029434 | 9/22/98     |
| SC-05502-S-SD | AROCLOR-1248 | ND     |     | 41.00  | UG/KG | NOTE1 | N/A | *           | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L077002  | U           | WS1110.0    | 9/12/98     | 0000029427 | 9/22/98     |
| SC-05517-S    | AROCLOR-1248 | ND     |     | 36.00  | UG/KG | N/A   | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11883012   | U           | QT1458.0    | 9/24/98     | 0000023768 | 9/22/98     |
| SC-05517-S-EB | AROCLOR-1248 | ND     |     | 2.000  | UG/L  | N/A   | N/A | *           | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L077003  | U           | WS1110.0    | 9/12/98     | 0000029429 | 9/22/98     |
| SC-05517-S-FR | AROCLOR-1248 | ND     |     | 36.000 | UG/KG | NOTE1 | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11883013   | U           | QT1458.0    | 9/24/98     | 0000029430 | 9/22/98     |
| SC-05517-S-SD | AROCLOR-1248 | ND     |     | 37.00  | UG/KG | NOTE1 | N/A | *           | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L077004  | U           | WS1110.0    | 9/12/98     | 0000029433 | 9/22/98     |
| SC-05704-S    | AROCLOR-1248 | ND     |     | 37.00  | UG/KG | N/A   | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11882001   | U           | QT1458.0    | 9/23/98     | 0000023795 | 9/21/98     |
| SC-05704-S-EB | AROCLOR-1248 | ND     |     | 1.00   | UG/L  | N/A   | N/A | U           | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 09L819001  | U           | WS1108.0    | 9/28/98     | 0000029451 | 9/21/98     |
| SC-05704-S-FR | AROCLOR-1248 | ND     |     | 39.000 | UG/KG | NOTE1 | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11882002   | U           | QT1458.0    | 9/23/98     | 0000029447 | 9/21/98     |
| SC-05704-S-SD | AROCLOR-1248 | ND     |     | 39.00  | UG/KG | NOTE1 | N/A | U           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 09L819002  | U           | WS1108.0    | 9/27/98     | 0000029450 | 9/21/98     |
| SC-05902-S    | AROCLOR-1248 | ND     |     | 41.00  | UG/KG | N/A   | N/A | U           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11014001   | U           | QT1463.0    | 9/27/98     | 0000024088 | 9/23/98     |
| SC-05902-S-EB | AROCLOR-1248 | ND     |     | 2.200  | UG/L  | N/A   | N/A | *           | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L077007  | U           | WS1110.0    | 9/11/98     | 0000029456 | 9/23/98     |
| SC-05902-S-FR | AROCLOR-1248 | ND     |     | 42.00  | UG/KG | NOTE1 | N/A | U           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11014002   | U           | QT1463.0    | 9/27/98     | 0000029462 | 9/23/98     |
| SC-05902-S-SD | AROCLOR-1248 | ND     |     | 42.00  | UG/KG | NOTE1 | N/A | *           | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L077008  | U           | WS1110.0    | 9/12/98     | 0000029460 | 9/23/98     |
| SC-05912-S    | AROCLOR-1248 | ND     |     | 36.00  | UG/KG | N/A   | N/A | U           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11014014   | U           | QT1463.0    | 9/28/98     | 0000024100 | 9/23/98     |
| SC-05912-S-EB | AROCLOR-1248 | ND     |     | 2.000  | UG/L  | N/A   | N/A | *           | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L077009  | U           | WS1110.0    | 9/11/98     | 0000029466 | 9/23/98     |
| SC-05912-S-FR | AROCLOR-1248 | ND     |     | 37.00  | UG/KG | NOTE1 | N/A | U           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11014015   | U           | QT1463.0    | 9/28/98     | 0000029467 | 9/23/98     |
| SC-05912-S-SD | AROCLOR-1248 | ND     |     | 39.00  | UG/KG | NOTE1 | N/A | *           | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L077010  | U           | WS1110.0    | 9/12/98     | 0000029470 | 9/23/98     |
| SC-06001-S    | AROCLOR-1248 | ND     |     | 43.00  | UG/KG | N/A   | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12320001   | U           | QT1603.0    | 10/2/98     | 0000024109 | 9/30/98     |
| SC-06001-S-EB | AROCLOR-1248 | ND     |     | 0.12   | UG/L  | N/A   | N/A | *           | EPA 8080A | WATER         | PEST/PCBS | 1   | 9810086-01 | U           | GE2002.0    | 10/8/98     | 0000030480 | 9/30/98     |
| SC-06001-S-FR | AROCLOR-1248 | ND     |     | 41.00  | UG/KG | NOTE1 | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12320002   | U           | QT1603.0    | 10/2/98     | 0000029573 | 9/30/98     |
| SC-06001-S-SD | AROCLOR-1248 | ND     |     | 50.78  | UG/KG | NOTE1 | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 10  | 9810086-02 | U           | GE2002.0    | 10/12/98    | 0000030459 | 9/30/98     |
| SC-06101-S    | AROCLOR-1248 | ND     |     | 38.00  | UG/KG | N/A   | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12219001   | U           | QT1495.0    | 9/22/98     | 0000024130 | 9/19/98     |
| SC-06101-S-EB | AROCLOR-1248 | ND     |     | 1.000  | UG/L  | N/A   | N/A | *           | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L295005  | U           | WS1120.0    | 9/24/98     | 0000029577 | 9/19/98     |
| SC-06101-S-FR | AROCLOR-1248 | ND     |     | 38.000 | UG/KG | NOTE1 | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12219002   | U           | QT1495.0    | 9/22/98     | 0000029581 | 9/19/98     |
| SC-06101-S-SD | AROCLOR-1248 | ND     |     | 37.00  | UG/KG | NOTE1 | N/A | *           | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L295006  | U           | WS1120.0    | 9/24/98     | 0000029578 | 9/19/98     |
| SC-06203-S    | AROCLOR-1248 | ND     |     | 39.00  | UG/KG | N/A   | N/A | U           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12434001   | U           | QT2011.0    | 10/12/98    | 0000024151 | 10/8/98     |
| SC-06203-S-EB | AROCLOR-1248 | ND     |     | 0.12   | UG/L  | N/A   | N/A | *           | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 9810283-01 | U           | GE2011.0    | 10/16/98    | 0000029583 | 10/8/98     |
| SC-06203-S-FR | AROCLOR-1248 | ND     |     | 37.000 | UG/KG | NOTE1 | N/A | U           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12434002   | U           | QT2011.0    | 10/12/98    | 0000029587 | 10/8/98     |
| SC-06203-S-SD | AROCLOR-1248 | ND     |     | 47.40  | UG/KG | NOTE1 | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 10  | 9810283-02 | U           | GE2011.0    | 10/21/98    | 0000029584 | 10/8/98     |
| SC-06218-S    | AROCLOR-1248 | ND     |     | 38.00  | UG/KG | N/A   | N/A | U           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12434013   | U           | QT2011.0    | 10/12/98    | 0000024166 | 10/8/98     |
| SC-06218-S-EB | AROCLOR-1248 | ND     |     | 0.120  | UG/L  | N/A   | N/A | *           | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 9810283-03 | U           | GE2011.0    | 10/19/98    | 0000029588 | 10/8/98     |
| SC-06218-S-FR | AROCLOR-1248 | ND     |     | 37.000 | UG/KG | NOTE1 | N/A | U           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12434014   | U           | QT2011.0    | 10/11/98    | 0000029594 | 10/8/98     |
| SC-06218-S-SD | AROCLOR-1248 | ND     |     | 48.90  | UG/KG | NOTE1 | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 10  | 9810283-04 | U           | GE2011.0    | 10/22/98    | 0000029590 | 10/8/98     |
| SC-06317-S    | AROCLOR-1248 | ND     |     | 41.00  | UG/KG | N/A   | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12219017   | U           | QT1495.0    | 9/22/98     | 0000024165 | 9/19/98     |
| SC-06317-S-EB | AROCLOR-1248 | ND     |     | 1.000  | UG/L  | N/A   | N/A | *           | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L295007  | U           | WS1120.0    | 9/24/98     | 0000029595 | 9/19/98     |
| SC-06317-S-FR | AROCLOR-1248 | ND     |     | 40.00  | UG/KG | NOTE1 | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12219018   | U           | QT1495.0    | 9/23/98     | 0000029598 | 9/19/98     |
| SC-06317-S-SD | AROCLOR-1248 | ND     |     | 41.00  | UG/KG | NOTE1 | N/A | *           | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L295008  | U           | WS1120.0    | 9/24/98     | 0000029598 | 9/19/98     |
| SC-06406-C    | AROCLOR-1248 | ND     |     | 37.00  | UG/KG | N/A   | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12223010   | U           | QT1498.0    | 9/23/98     | 0000024204 | 9/19/98     |
| SC-06406-C-EB | AROCLOR-1248 | ND     |     | 1.00   | UG/L  | N/A   | N/A | *           | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L295009  | U           | WS1120.0    | 9/24/98     | 0000029601 | 9/19/98     |
| SC-06406-C-FR | AROCLOR-1248 | ND     |     | 38.00  | UG/KG | NOTE1 | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12223011   | U           | QT1498.0    | 9/23/98     | 0000029604 | 9/19/98     |
| SC-06406-C-SD | AROCLOR-1248 | ND     |     | 38.00  | UG/KG | NOTE1 | N/A | *           | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L295010  | U           | WS1120.0    | 9/24/98     | 0000029602 | 9/19/98     |
| SC-06422-S    | AROCLOR-1248 | ND     |     | 40.00  | UG/KG | N/A   | N/A | *           | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12223031   | U           | QT1498.0    | 9/22/98     | 0000024226 | 9/19/98     |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER    | CONC | ERR | DL     | UNITS | RPD   | DER | VAL | METHOD    | MATRIX        | CATEGORY  | DIL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|--------------|------|-----|--------|-------|-------|-----|-----|-----------|---------------|-----------|-----|------------|----------|----------|----------|------------|----------|
| SC-06422-S-EB | AROCLOR-1248 | ND   |     | 1.00   | UG/L  | N/A   | N/A | *   | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L295011  | U        | WS1120.0 | 8/24/98  | 0000029507 | 8/19/98  |
| SC-06422-S-FR | AROCLOR-1248 | ND   |     | 40.00  | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12223632   | U        | QT1486.0 | 8/23/98  | 0000029610 | 8/19/98  |
| SC-06422-S-SD | AROCLOR-1248 | ND   |     | 41.00  | UG/KG | NOTE1 | N/A | *   | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L295012  | U        | WS1120.0 | 8/24/98  | 0000029608 | 8/19/98  |
| SC-06512-S    | AROCLOR-1248 | ND   |     | 40.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11858004   | U        | QT1487.0 | 8/30/98  | 0000024441 | 8/28/98  |
| SC-06512-S-EB | AROCLOR-1248 | ND   |     | 1.000  | UG/L  | N/A   | N/A | *   | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L077011  | U        | WS1110.0 | 8/11/98  | 0000029613 | 8/28/98  |
| SC-06512-S-FR | AROCLOR-1248 | ND   |     | 40.000 | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11858005   | U        | QT1467.0 | 8/30/98  | 0000029616 | 8/28/98  |
| SC-06512-S-SD | AROCLOR-1248 | ND   |     | 40.00  | UG/KG | NOTE1 | N/A | *   | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L077012  | U        | WS1110.0 | 8/12/98  | 0000029614 | 8/28/98  |
| SC-06806-S    | AROCLOR-1248 | ND   |     | 37.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11884007   | U        | QT1458.0 | 8/23/98  | 0000024481 | 8/21/98  |
| SC-06806-S-EB | AROCLOR-1248 | ND   |     | 1.000  | UG/L  | N/A   | N/A | U   | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 08L318003  | U        | WS1106.0 | 8/26/98  | 0000029472 | 8/21/98  |
| SC-06806-S-FR | AROCLOR-1248 | ND   |     | 38.000 | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11884008   | U        | QT1455.0 | 8/23/98  | 0000029473 | 8/21/98  |
| SC-06806-S-SD | AROCLOR-1248 | ND   |     | 38.00  | UG/KG | NOTE1 | N/A | U   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 08L318004  | U        | WS1106.0 | 8/26/98  | 0000029478 | 8/21/98  |
| SC-06819-S    | AROCLOR-1248 | ND   |     | 41.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11884022   | U        | QT1455.0 | 8/23/98  | 0000024476 | 8/21/98  |
| SC-06819-S-EB | AROCLOR-1248 | ND   |     | 1.00   | UG/L  | N/A   | N/A | U   | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 08L318005  | U        | WS1106.0 | 8/26/98  | 0000029478 | 8/21/98  |
| SC-06819-S-FR | AROCLOR-1248 | ND   |     | 40.000 | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11884023   | U        | QT1455.0 | 8/23/98  | 0000029479 | 8/21/98  |
| SC-06819-S-SD | AROCLOR-1248 | ND   |     | 39.00  | UG/KG | NOTE1 | N/A | U   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 08L318006  | U        | WS1106.0 | 8/26/98  | 0000029482 | 8/21/98  |
| SC-06713-S    | AROCLOR-1248 | ND   |     | 38.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11880012   | U        | QT1434.0 | 8/21/98  | 0000024481 | 8/19/98  |
| SC-06713-S-EB | AROCLOR-1248 | ND   |     | 1.000  | UG/L  | N/A   | N/A | U   | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 08L318007  | U        | WS1106.0 | 8/26/98  | 0000029484 | 8/19/98  |
| SC-06713-S-FR | AROCLOR-1248 | ND   |     | 37.00  | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11880013   | U        | QT1434.0 | 8/21/98  | 0000024485 | 8/19/98  |
| SC-06713-S-SD | AROCLOR-1248 | ND   |     | 37.00  | UG/KG | NOTE1 | N/A | U   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 08L318008  | U        | WS1106.0 | 8/27/98  | 0000024486 | 8/19/98  |
| SC-06807-S    | AROCLOR-1248 | ND   |     | 38.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11807007   | U        | QT1481.0 | 8/28/98  | 0000024508 | 8/23/98  |
| SC-06807-S-EB | AROCLOR-1248 | ND   |     | 1.00   | UG/L  | N/A   | N/A | *   | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L077013  | U        | WS1110.0 | 8/11/98  | 0000029480 | 8/23/98  |
| SC-06807-S-FR | AROCLOR-1248 | ND   |     | 38.00  | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11807008   | U        | QT1481.0 | 8/28/98  | 0000029491 | 8/23/98  |
| SC-06807-S-SD | AROCLOR-1248 | ND   |     | 38.00  | UG/KG | NOTE1 | N/A | *   | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L077014  | U        | WS1110.0 | 8/12/98  | 0000029484 | 8/23/98  |
| SC-06901-S    | AROCLOR-1248 | ND   |     | 38.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11882001   | U        | QT1482.0 | 8/23/98  | 0000024821 | 8/19/98  |
| SC-06901-S-EB | AROCLOR-1248 | ND   |     | 1.00   | UG/L  | N/A   | N/A | U   | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 08L318009  | U        | WS1106.0 | 8/27/98  | 0000029488 | 8/19/98  |
| SC-06901-S-FR | AROCLOR-1248 | ND   |     | 38.00  | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11882002   | U        | QT1482.0 | 8/23/98  | 0000029487 | 8/19/98  |
| SC-06901-S-SD | AROCLOR-1248 | ND   |     | 38.00  | UG/KG | NOTE1 | N/A | U   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 08L318010  | U        | WS1106.0 | 8/27/98  | 0000029500 | 8/19/98  |
| SC-06911-S    | AROCLOR-1248 | ND   |     | 39.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11881001   | U        | QT1483.0 | 8/21/98  | 0000024536 | 8/19/98  |
| SC-06911-S-EB | AROCLOR-1248 | ND   |     | 1.00   | UG/L  | N/A   | N/A | U   | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 08L319011  | U        | WS1106.0 | 8/27/98  | 0000029502 | 8/19/98  |
| SC-06911-S-FR | AROCLOR-1248 | ND   |     | 42.000 | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11881002   | U        | QT1483.0 | 8/21/98  | 0000029503 | 8/19/98  |
| SC-06911-S-SD | AROCLOR-1248 | ND   |     | 41.00  | UG/KG | NOTE1 | N/A | U   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 08L319012  | U        | WS1106.0 | 8/27/98  | 0000029508 | 8/19/98  |
| SC-06922-S    | AROCLOR-1248 | ND   |     | 44.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11881016   | U        | QT1453.0 | 8/22/98  | 0000024550 | 8/19/98  |
| SC-06922-S-EB | AROCLOR-1248 | ND   |     | 1.000  | UG/L  | N/A   | N/A | U   | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 08L319013  | U        | WS1106.0 | 8/27/98  | 0000029506 | 8/19/98  |
| SC-06922-S-FR | AROCLOR-1248 | ND   |     | 43.000 | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11881017   | U        | QT1453.0 | 8/22/98  | 0000029509 | 8/19/98  |
| SC-06922-S-SD | AROCLOR-1248 | ND   |     | 42.00  | UG/KG | NOTE1 | N/A | U   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 08L319014  | U        | WS1106.0 | 8/27/98  | 0000029512 | 8/19/98  |
| SC-07124-S    | AROCLOR-1248 | ND   |     | 40.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12352016   | U        | QT2001.0 | 10/4/98  | 0000030432 | 10/1/98  |
| SC-07124-S-EB | AROCLOR-1248 | ND   |     | 0.12   | UG/L  | N/A   | N/A | *   | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 9810123-01 | U        | GE2005.0 | 10/9/98  | 0000030475 | 10/1/98  |
| SC-07124-S-FR | AROCLOR-1248 | ND   |     | 38.000 | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12352017   | U        | QT2001.0 | 10/3/98  | 0000030442 | 10/1/98  |
| SC-07124-S-SD | AROCLOR-1248 | ND   |     | 51.10  | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 10  | 9810086-05 | U        | GE2002.0 | 10/12/98 | 0000030455 | 10/1/98  |
| SC-07221-C    | AROCLOR-1248 | ND   |     | 38.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12384006   | U        | QT2003.0 | 10/7/98  | 0000024835 | 10/2/98  |
| SC-07221-C-EB | AROCLOR-1248 | ND   |     | 0.12   | UG/L  | N/A   | N/A | *   | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 9810123-02 | U        | GE2005.0 | 10/9/98  | 0000030468 | 10/2/98  |
| SC-07221-C-FR | AROCLOR-1248 | ND   |     | 39.00  | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12384006   | U        | QT2003.0 | 10/7/98  | 0000030467 | 10/2/98  |
| SC-07221-C-SD | AROCLOR-1248 | ND   |     | 45.00  | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 10  | 9810123-03 | U        | GE2005.0 | 10/12/98 | 0000030489 | 10/2/98  |
| SC-07317-S    | AROCLOR-1248 | ND   |     | 37.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12252001   | U        | QT1487.0 | 8/25/98  | 0000024850 | 8/21/98  |
| SC-07317-S-EB | AROCLOR-1248 | ND   |     | 1.000  | UG/L  | N/A   | N/A | *   | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L313001  | U        | WS1123.0 | 8/25/98  | 0000030242 | 8/21/98  |
| SC-07317-S-FR | AROCLOR-1248 | ND   |     | 38.00  | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12252002   | U        | QT1487.0 | 8/25/98  | 0000030244 | 8/21/98  |
| SC-07317-S-SD | AROCLOR-1248 | ND   |     | 180.00 | UG/KG | NOTE1 | N/A | *   | EPA 8081  | SOIL          | PEST/PCBS | 5   | 08L313002  | U        | WS1123.0 | 8/27/98  | 0000030247 | 8/21/98  |
| SC-07405-S    | AROCLOR-1248 | ND   |     | 38.00  | UG/KG | N/A   | N/A | U   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11978006   | U        | QT1472.0 | 8/2/98   | 0000024673 | 8/30/98  |
| SC-07405-S-EB | AROCLOR-1248 | ND   |     | 1.000  | UG/L  | N/A   | N/A | *   | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L077015  | U        | WS1110.0 | 8/11/98  | 0000029609 | 8/30/98  |
| SC-07405-S-FR | AROCLOR-1248 | ND   |     | 38.00  | UG/KG | NOTE1 | N/A | U   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11978009   | U        | QT1472.0 | 8/2/98   | 0000029738 | 8/30/98  |
| SC-07405-S-SD | AROCLOR-1248 | ND   |     | 42.00  | UG/KG | NOTE1 | N/A | *   | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L077016  | U        | WS1110.0 | 8/12/98  | 0000029834 | 8/30/98  |
| SC-07428-S    | AROCLOR-1248 | ND   |     | 40.00  | UG/KG | N/A   | N/A | U   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11978029   | U        | QT1472.0 | 8/2/98   | 0000024684 | 8/30/98  |
| SC-07428-S-EB | AROCLOR-1248 | ND   |     | 1.00   | UG/L  | N/A   | N/A | *   | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L077017  | U        | WS1110.0 | 8/11/98  | 0000029835 | 8/30/98  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER    | CONC   | ERR | DL     | UNITS | RPD   | DER | VAL | QUAL | METHOD    | MATRIX        | CATEGORY  | DIL | LAB ID     | LAB QUAL | LAB REQU | DATE     | SAMPLINK   | DATE    |
|---------------|--------------|--------|-----|--------|-------|-------|-----|-----|------|-----------|---------------|-----------|-----|------------|----------|----------|----------|------------|---------|
| SC-07428-S-FR | AROCLOR-1248 | ND     |     | 38.000 | UG/KG | NOTE1 | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11078530   | U        | QT1472.0 | 8/2/98   | 0000028738 | 8/30/98 |
| SC-07428-S-SD | AROCLOR-1248 | ND     |     | 38.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L077018  | U        | WS1110.0 | 8/12/98  | 0000028938 | 8/30/98 |
| SC-07519-S    | AROCLOR-1248 | ND     |     | 41.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12017007   | U        | QT1474.0 | 8/8/98   | 0000024713 | 9/5/98  |
| SC-07519-S-EB | AROCLOR-1248 | ND     |     | 1.000  | UG/L  | N/A   | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L086001  | U        | WS1112.0 | 8/12/98  | 0000029670 | 9/5/98  |
| SC-07519-S-FR | AROCLOR-1248 | ND     |     | 40.000 | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12017008   | U        | QT1474.0 | 8/8/98   | 0000028930 | 9/5/98  |
| SC-07519-S-SD | AROCLOR-1248 | ND     |     | 42.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L086002  | U        | WS1112.0 | 8/13/98  | 0000029671 | 9/5/98  |
| SC-07613-S    | AROCLOR-1248 | ND     |     | 40.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11967804   | U        | QT1471.0 | 8/31/98  | 0000024734 | 8/28/98 |
| SC-07613-S-EB | AROCLOR-1248 | ND     |     | 1.00   | UG/L  | N/A   | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L077018  | U        | WS1110.0 | 8/12/98  | 0000028937 | 8/28/98 |
| SC-07613-S-FR | AROCLOR-1248 | ND     |     | 39.000 | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11967805   | U        | QT1471.0 | 8/31/98  | 0000028703 | 8/28/98 |
| SC-07613-S-SD | AROCLOR-1248 | ND     |     | 41.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L077020  | U        | WS1110.0 | 8/12/98  | 0000028938 | 8/28/98 |
| SC-07709-S    | AROCLOR-1248 | ND     |     | 40.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11868908   | U        | QT1488.0 | 8/30/98  | 0000024762 | 8/28/98 |
| SC-07709-S-EB | AROCLOR-1248 | ND     |     | 1.000  | UG/L  | N/A   | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L077021  | U        | WS1110.0 | 8/12/98  | 0000028938 | 8/28/98 |
| SC-07709-S-FR | AROCLOR-1248 | ND     |     | 38.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11868909   | U        | QT1488.0 | 8/30/98  | 0000028991 | 8/28/98 |
| SC-07709-S-SD | AROCLOR-1248 | ND     |     | 40.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L077022  | U        | WS1110.0 | 8/12/98  | 0000028940 | 8/28/98 |
| SC-05214-S    | AROCLOR-1254 | ND     |     | 40.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12189006   | U        | QT1483.0 | 8/20/98  | 0000023888 | 8/18/98 |
| SC-05214-S-EB | AROCLOR-1254 | ND     |     | 1.00   | UG/L  | N/A   | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L288001  | U        | WS1120.0 | 8/24/98  | 0000030168 | 8/18/98 |
| SC-05214-S-FR | AROCLOR-1254 | ND     |     | 40.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12189008   | U        | QT1483.0 | 8/20/98  | 0000030157 | 8/18/98 |
| SC-05214-S-SD | AROCLOR-1254 | ND     |     | 40.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L288002  | U        | WS1120.0 | 8/24/98  | 0000030158 | 8/18/98 |
| SC-05418-S    | AROCLOR-1254 | ND     |     | 41.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12189017   | U        | QT1483.0 | 8/20/98  | 0000023730 | 8/18/98 |
| SC-05418-S-EB | AROCLOR-1254 | ND     |     | 1.00   | UG/L  | N/A   | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L288003  | U        | WS1120.0 | 8/24/98  | 0000030165 | 8/18/98 |
| SC-05418-S-FR | AROCLOR-1254 | ND     |     | 42.000 | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12189018   | U        | QT1483.0 | 8/20/98  | 0000030168 | 8/18/98 |
| SC-05418-S-SD | AROCLOR-1254 | ND     |     | 41.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L288004  | U        | WS1120.0 | 8/24/98  | 0000030168 | 8/18/98 |
| SC-05502-S    | AROCLOR-1254 | ND     |     | 38.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11883001   | U        | QT1488.0 | 8/24/98  | 0000023744 | 8/22/98 |
| SC-05502-S-EB | AROCLOR-1254 | ND     |     | 2.000  | UG/L  | N/A   | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L077001  | U        | WS1110.0 | 8/12/98  | 0000028423 | 8/22/98 |
| SC-05502-S-FR | AROCLOR-1254 | ND     |     | 39.000 | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11883002   | U        | QT1488.0 | 8/24/98  | 0000028424 | 8/22/98 |
| SC-05502-S-SD | AROCLOR-1254 | ND     |     | 41.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L077002  | U        | WS1110.0 | 8/12/98  | 0000028427 | 8/22/98 |
| SC-05517-S    | AROCLOR-1254 | 300.00 |     | 36.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11883012   | U        | QT1488.0 | 8/24/98  | 0000023758 | 8/22/98 |
| SC-05517-S-EB | AROCLOR-1254 | ND     |     | 2.000  | UG/L  | N/A   | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L077003  | U        | WS1110.0 | 8/11/98  | 0000028428 | 8/22/98 |
| SC-05517-S-FR | AROCLOR-1254 | 280.00 |     | 36.00  | UG/KG | 6.9%  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11883013   | U        | QT1488.0 | 8/24/98  | 0000028430 | 8/22/98 |
| SC-05517-S-SD | AROCLOR-1254 | 280.00 |     | 37.00  | UG/KG | 14.3% | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L077004  | U        | WS1110.0 | 8/12/98  | 0000028433 | 8/22/98 |
| SC-05704-S    | AROCLOR-1254 | ND     |     | 37.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11882001   | U        | QT1488.0 | 8/23/98  | 0000023785 | 8/21/98 |
| SC-05704-S-EB | AROCLOR-1254 | ND     |     | 1.000  | UG/L  | N/A   | N/A | U   |      | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 08L180001  | U        | WS1106.0 | 8/28/98  | 0000028451 | 8/21/98 |
| SC-05704-S-FR | AROCLOR-1254 | ND     |     | 39.000 | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11882002   | U        | QT1488.0 | 8/23/98  | 0000028447 | 8/21/98 |
| SC-05704-S-SD | AROCLOR-1254 | ND     |     | 39.00  | UG/KG | NOTE1 | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 08L180002  | U        | WS1106.0 | 8/27/98  | 0000028450 | 8/21/98 |
| SC-05902-S    | AROCLOR-1254 | ND     |     | 41.00  | UG/KG | N/A   | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11914001   | U        | QT1483.0 | 8/27/98  | 0000024088 | 8/23/98 |
| SC-05902-S-EB | AROCLOR-1254 | ND     |     | 2.20   | UG/L  | N/A   | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L077007  | U        | WS1110.0 | 8/11/98  | 0000028459 | 8/23/98 |
| SC-05902-S-FR | AROCLOR-1254 | 45.00  |     | 42.00  | UG/KG | NOTE1 | N/A | A   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11914002   | U        | QT1483.0 | 8/27/98  | 0000028462 | 8/23/98 |
| SC-05902-S-SD | AROCLOR-1254 | ND     |     | 42.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L077008  | U        | WS1110.0 | 8/12/98  | 0000028450 | 8/23/98 |
| SC-05812-S    | AROCLOR-1254 | ND     |     | 36.00  | UG/KG | N/A   | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11914014   | U        | QT1483.0 | 8/28/98  | 0000024100 | 8/23/98 |
| SC-05812-S-EB | AROCLOR-1254 | ND     |     | 2.00   | UG/L  | N/A   | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L077009  | U        | WS1110.0 | 8/11/98  | 0000028468 | 8/23/98 |
| SC-05812-S-FR | AROCLOR-1254 | ND     |     | 37.00  | UG/KG | NOTE1 | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11914016   | U        | QT1483.0 | 8/28/98  | 0000028467 | 8/23/98 |
| SC-05812-S-SD | AROCLOR-1254 | ND     |     | 38.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L077010  | U        | WS1110.0 | 8/12/98  | 0000028470 | 8/23/98 |
| SC-06001-S    | AROCLOR-1254 | ND     |     | 43.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12320001   | U        | QT1503.0 | 10/2/98  | 0000024108 | 9/30/98 |
| SC-06001-S-EB | AROCLOR-1254 | ND     |     | 0.120  | UG/L  | N/A   | N/A | *   |      | EPA 8080A | WATER         | PEST/PCBS | 1   | 9810088-01 | U        | GE2002.0 | 10/8/98  | 0000030460 | 9/30/98 |
| SC-06001-S-FR | AROCLOR-1254 | ND     |     | 41.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12320002   | U        | QT1503.0 | 10/2/98  | 0000028573 | 9/30/98 |
| SC-06001-S-SD | AROCLOR-1254 | ND     |     | 50.79  | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 10  | 9810088-02 | U        | GE2002.0 | 10/12/98 | 0000030458 | 9/30/98 |
| SC-06101-S    | AROCLOR-1254 | ND     |     | 38.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12219001   | U        | QT1495.0 | 8/22/98  | 0000024130 | 8/19/98 |
| SC-06101-S-EB | AROCLOR-1254 | ND     |     | 1.00   | UG/L  | N/A   | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 99L295005  | U        | WS1120.0 | 8/24/98  | 0000028577 | 9/19/98 |
| SC-06101-S-FR | AROCLOR-1254 | ND     |     | 39.000 | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12218002   | U        | QT1495.0 | 8/22/98  | 0000028681 | 9/19/98 |
| SC-06101-S-SD | AROCLOR-1254 | ND     |     | 37.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L285006  | U        | WS1120.0 | 8/24/98  | 0000028578 | 9/19/98 |
| SC-06203-S    | AROCLOR-1254 | ND     |     | 38.00  | UG/KG | N/A   | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12434001   | U        | QT2011.0 | 10/12/98 | 0000024151 | 10/8/98 |
| SC-06203-S-EB | AROCLOR-1254 | ND     |     | 0.12   | UG/L  | N/A   | N/A | *   |      | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 9810283-01 | U        | GE2011.0 | 10/18/98 | 0000028583 | 10/8/98 |
| SC-06203-S-FR | AROCLOR-1254 | 82.00  |     | 37.000 | UG/KG | NOTE1 | N/A | J   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12434002   | U        | QT2011.0 | 10/12/98 | 0000028587 | 10/8/98 |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER    | CONC   | ERR | DL     | UNITS | RPD    | DER | VAL | QUAL | METHOD    | MATRIX        | CATEGORY  | DIL | LAB ID     | LAB QUAL | LAB REQD | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|--------------|--------|-----|--------|-------|--------|-----|-----|------|-----------|---------------|-----------|-----|------------|----------|----------|----------|------------|----------|
| SC-06203-S-SD | AROCLOR-1254 | ND     |     | 47.40  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 10  | 9610283-02 | U        | GE2011.0 | 10/21/96 | 0000029584 | 10/19/96 |
| SC-06218-S    | AROCLOR-1254 | 120.00 |     | 36.00  | UG/KG | N/A    | N/A | J   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12434013   |          | QT2011.0 | 10/12/96 | 0000029585 | 10/19/96 |
| SC-06218-S-EB | AROCLOR-1254 | ND     |     | 0.12   | UG/L  | N/A    | N/A | *   |      | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 9610283-03 | U        | GE2011.0 | 10/16/96 | 0000029586 | 10/19/96 |
| SC-06218-S-FR | AROCLOR-1254 | ND     |     | 37.00  | UG/KG | NOTE1  | N/A | UJ  |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12434014   | U        | QT2011.0 | 10/11/96 | 0000029584 | 10/19/96 |
| SC-06218-S-SD | AROCLOR-1254 | ND     |     | 46.90  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 10  | 9610283-04 | U        | GE2011.0 | 10/22/96 | 0000029580 | 10/19/96 |
| SC-06317-S    | AROCLOR-1254 | ND     |     | 41.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12218017   | U        | QT1496.0 | 8/22/96  | 0000024185 | 8/19/96  |
| SC-06317-S-EB | AROCLOR-1254 | ND     |     | 1.000  | UG/L  | N/A    | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L295007  | U        | WS1120.0 | 8/24/96  | 0000029595 | 8/19/96  |
| SC-06317-S-FR | AROCLOR-1254 | ND     |     | 40.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12218018   | U        | QT1496.0 | 8/23/96  | 0000029598 | 8/19/96  |
| SC-06317-S-SD | AROCLOR-1254 | ND     |     | 41.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L295008  | U        | WS1120.0 | 8/24/96  | 0000029596 | 8/19/96  |
| SC-06408-C    | AROCLOR-1254 | ND     |     | 37.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12223010   | U        | QT1496.0 | 8/23/96  | 0000024204 | 8/19/96  |
| SC-06408-C-EB | AROCLOR-1254 | ND     |     | 1.000  | UG/L  | N/A    | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L295009  | U        | WS1120.0 | 8/24/96  | 0000029601 | 8/19/96  |
| SC-06408-C-FR | AROCLOR-1254 | ND     |     | 36.000 | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12223011   | U        | QT1496.0 | 8/23/96  | 0000029604 | 8/19/96  |
| SC-06408-C-SD | AROCLOR-1254 | ND     |     | 36.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L295010  | U        | WS1120.0 | 8/24/96  | 0000029602 | 8/19/96  |
| SC-06422-S    | AROCLOR-1254 | ND     |     | 40.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12223031   | U        | QT1496.0 | 8/22/96  | 0000024228 | 8/19/96  |
| SC-06422-S-EB | AROCLOR-1254 | ND     |     | 1.000  | UG/L  | N/A    | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L295011  | U        | WS1120.0 | 8/24/96  | 0000029607 | 8/19/96  |
| SC-06422-S-FR | AROCLOR-1254 | ND     |     | 40.000 | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12223032   | U        | QT1496.0 | 8/23/96  | 0000029610 | 8/19/96  |
| SC-06422-S-SD | AROCLOR-1254 | ND     |     | 41.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L295012  | U        | WS1120.0 | 8/24/96  | 0000029608 | 8/19/96  |
| SC-06512-S    | AROCLOR-1254 | ND     |     | 40.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11958004   | U        | QT1467.0 | 8/30/96  | 0000024441 | 8/28/96  |
| SC-06512-S-EB | AROCLOR-1254 | ND     |     | 1.00   | UG/L  | N/A    | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L077011  | U        | WS1110.0 | 8/11/96  | 0000029613 | 8/28/96  |
| SC-06512-S-FR | AROCLOR-1254 | ND     |     | 40.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11958006   | U        | QT1467.0 | 8/30/96  | 0000029618 | 8/28/96  |
| SC-06512-S-SD | AROCLOR-1254 | ND     |     | 40.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L077012  | U        | WS1110.0 | 8/12/96  | 0000029614 | 8/28/96  |
| SC-06608-S    | AROCLOR-1254 | ND     |     | 37.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11964007   | U        | QT1456.0 | 8/23/96  | 0000024481 | 8/21/96  |
| SC-06608-S-EB | AROCLOR-1254 | ND     |     | 1.00   | UG/L  | N/A    | N/A | U   |      | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 09L19003   | U        | WS1108.0 | 8/26/96  | 0000029472 | 8/21/96  |
| SC-06608-S-FR | AROCLOR-1254 | ND     |     | 36.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11964008   | U        | QT1456.0 | 8/23/96  | 0000029473 | 8/21/96  |
| SC-06608-S-SD | AROCLOR-1254 | ND     |     | 36.00  | UG/KG | NOTE1  | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 09L19004   | U        | WS1108.0 | 8/26/96  | 0000029476 | 8/21/96  |
| SC-06619-S    | AROCLOR-1254 | 84.00  |     | 41.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11964022   | U        | QT1456.0 | 8/23/96  | 0000024470 | 8/21/96  |
| SC-06619-S-EB | AROCLOR-1254 | ND     |     | 1.00   | UG/L  | N/A    | N/A | U   |      | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 09L19005   | U        | WS1108.0 | 8/26/96  | 0000029478 | 8/21/96  |
| SC-06619-S-FR | AROCLOR-1254 | 82.00  |     | 40.000 | UG/KG | 41.0%  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11964023   | U        | QT1456.0 | 8/23/96  | 0000029479 | 8/21/96  |
| SC-06619-S-SD | AROCLOR-1254 | 36.00  |     | 39.00  | UG/KG | 84.6%  | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 09L19006   | J        | WS1108.0 | 8/26/96  | 0000029482 | 8/21/96  |
| SC-06713-S    | AROCLOR-1254 | ND     |     | 38.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11960012   | U        | QT1464.0 | 8/21/96  | 0000024491 | 8/19/96  |
| SC-06713-S-EB | AROCLOR-1254 | ND     |     | 1.00   | UG/L  | N/A    | N/A | U   |      | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 09L19007   | U        | WS1108.0 | 8/26/96  | 0000029484 | 8/19/96  |
| SC-06713-S-FR | AROCLOR-1254 | 73.00  |     | 37.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11960013   | U        | QT1464.0 | 8/21/96  | 0000029485 | 8/19/96  |
| SC-06713-S-SD | AROCLOR-1254 | 44.00  |     | 37.00  | UG/KG | NOTE1  | N/A | A   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 09L19008   | U        | WS1108.0 | 8/27/96  | 0000029486 | 8/19/96  |
| SC-06807-S    | AROCLOR-1254 | ND     |     | 36.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11907007   | U        | QT1481.0 | 8/26/96  | 0000024506 | 8/23/96  |
| SC-06807-S-EB | AROCLOR-1254 | ND     |     | 1.00   | UG/L  | N/A    | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L077013  | U        | WS1110.0 | 8/11/96  | 0000029490 | 8/23/96  |
| SC-06807-S-FR | AROCLOR-1254 | ND     |     | 36.000 | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11907008   | U        | QT1481.0 | 8/26/96  | 0000029503 | 8/23/96  |
| SC-06807-S-SD | AROCLOR-1254 | ND     |     | 36.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L077014  | U        | WS1110.0 | 8/12/96  | 0000029494 | 8/23/96  |
| SC-06901-S    | AROCLOR-1254 | 120.00 |     | 36.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11982001   | U        | QT1452.0 | 8/22/96  | 0000024521 | 8/19/96  |
| SC-06901-S-EB | AROCLOR-1254 | ND     |     | 1.000  | UG/L  | N/A    | N/A | U   |      | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 09L19009   | U        | WS1108.0 | 8/27/96  | 0000029498 | 8/19/96  |
| SC-06901-S-FR | AROCLOR-1254 | 480.00 |     | 36.00  | UG/KG | 120.0% | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11982002   | U        | QT1452.0 | 8/22/96  | 0000029497 | 8/19/96  |
| SC-06901-S-SD | AROCLOR-1254 | 170.00 |     | 36.00  | UG/KG | 34.6%  | N/A | A   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 09L19010   | U        | WS1108.0 | 8/27/96  | 0000029500 | 8/19/96  |
| SC-06911-S    | AROCLOR-1254 | ND     |     | 36.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11981001   | U        | QT1453.0 | 8/21/96  | 0000024536 | 8/19/96  |
| SC-06911-S-EB | AROCLOR-1254 | ND     |     | 1.000  | UG/L  | N/A    | N/A | U   |      | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 09L19011   | U        | WS1108.0 | 8/27/96  | 0000029502 | 8/19/96  |
| SC-06911-S-FR | AROCLOR-1254 | ND     |     | 42.000 | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11981002   | U        | QT1453.0 | 8/21/96  | 0000029506 | 8/19/96  |
| SC-06911-S-SD | AROCLOR-1254 | ND     |     | 41.00  | UG/KG | NOTE1  | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 09L19012   | U        | WS1108.0 | 8/27/96  | 0000029508 | 8/19/96  |
| SC-06922-S    | AROCLOR-1254 | ND     |     | 44.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11981010   | U        | QT1453.0 | 8/22/96  | 0000024550 | 8/19/96  |
| SC-06922-S-EB | AROCLOR-1254 | ND     |     | 1.00   | UG/L  | N/A    | N/A | U   |      | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 09L19013   | U        | WS1108.0 | 8/27/96  | 0000029508 | 8/19/96  |
| SC-06922-S-FR | AROCLOR-1254 | ND     |     | 43.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11981817   | U        | QT1453.0 | 8/22/96  | 0000029509 | 8/19/96  |
| SC-06922-S-SD | AROCLOR-1254 | ND     |     | 42.00  | UG/KG | NOTE1  | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 09L19014   | U        | WS1108.0 | 8/27/96  | 0000029512 | 8/19/96  |
| SC-07124-S    | AROCLOR-1254 | ND     |     | 40.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12352016   | U        | QT2001.0 | 10/4/96  | 0000030432 | 10/1/96  |
| SC-07124-S-EB | AROCLOR-1254 | ND     |     | 0.120  | UG/L  | N/A    | N/A | *   |      | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 9610123-01 | U        | GE2005.0 | 10/9/96  | 0000030475 | 10/1/96  |
| SC-07124-S-FR | AROCLOR-1254 | ND     |     | 36.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12352017   | U        | QT2001.0 | 10/3/96  | 0000030442 | 10/1/96  |
| SC-07124-S-SD | AROCLOR-1254 | ND     |     | 51.10  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 10  | 9610088-05 | U        | GE2002.0 | 10/12/96 | 0000030456 | 10/1/96  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER    | CONC    | ERR | DL     | UNITS | RPD    | DER | VAL | QUAL | METHOD    | MATRIX        | CATEGORY  | DL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|--------------|---------|-----|--------|-------|--------|-----|-----|------|-----------|---------------|-----------|----|------------|----------|----------|----------|------------|----------|
| SC-07221-C    | AROCLOR-1254 | ND      |     | 36.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 12364005   | U        | QT2003.0 | 10/7/98  | 0000024035 | 10/2/98  |
| SC-07221-C-EB | AROCLOR-1254 | ND      |     | 0.12   | UG/L  | N/A    | N/A | *   |      | EPA 8080A | SURFACE WATER | PEST/PCBS | 1  | 9810123-02 | U        | GE2005.0 | 10/9/98  | 0000030488 | 10/2/98  |
| SC-07221-C-FR | AROCLOR-1254 | ND      |     | 39.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 12364006   | U        | QT2003.0 | 10/7/98  | 0000030487 | 10/2/98  |
| SC-07221-C-SD | AROCLOR-1254 | ND      |     | 45.80  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 10 | 9810123-03 | U        | GE2005.0 | 10/12/98 | 0000030489 | 10/2/98  |
| SC-07317-S    | AROCLOR-1254 | 320.00  |     | 37.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 12252001   |          | QT1497.0 | 9/25/98  | 0000024058 | 9/21/98  |
| SC-07317-S-EB | AROCLOR-1254 | ND      |     | 1.00   | UG/L  | N/A    | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1  | 09L313001  | U        | WS1123.0 | 9/26/98  | 0000030242 | 9/21/98  |
| SC-07317-S-FR | AROCLOR-1254 | 380.00  |     | 36.00  | UG/KG | 11.6%  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 12252002   |          | QT1497.0 | 9/25/98  | 0000030244 | 9/21/98  |
| SC-07317-S-SD | AROCLOR-1254 | 1100.00 |     | 160.00 | UG/KG | 109.9% | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 5  | 09L313002  |          | WS1123.0 | 9/27/98  | 0000030247 | 9/21/98  |
| SC-07405-S    | AROCLOR-1254 | ND      |     | 39.00  | UG/KG | N/A    | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11976008   | U        | QT1472.0 | 9/2/98   | 0000024073 | 8/30/98  |
| SC-07405-S-EB | AROCLOR-1254 | ND      |     | 1.00   | UG/L  | N/A    | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1  | 09L077015  | U        | WS1110.0 | 9/11/98  | 0000029909 | 8/30/98  |
| SC-07405-S-FR | AROCLOR-1254 | ND      |     | 38.00  | UG/KG | NOTE1  | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11976009   | U        | QT1472.0 | 9/2/98   | 0000029738 | 8/30/98  |
| SC-07405-S-SD | AROCLOR-1254 | ND      |     | 42.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1  | 09L077016  | U        | WS1110.0 | 9/12/98  | 0000029834 | 8/30/98  |
| SC-07428-S    | AROCLOR-1254 | ND      |     | 40.00  | UG/KG | N/A    | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11976029   | U        | QT1472.0 | 9/2/98   | 0000024694 | 8/30/98  |
| SC-07428-S-EB | AROCLOR-1254 | ND      |     | 1.00   | UG/L  | N/A    | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1  | 09L077017  | U        | WS1110.0 | 9/11/98  | 0000029935 | 8/30/98  |
| SC-07428-S-FR | AROCLOR-1254 | ND      |     | 39.00  | UG/KG | NOTE1  | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11976030   | U        | QT1472.0 | 9/2/98   | 0000029739 | 8/30/98  |
| SC-07428-S-SD | AROCLOR-1254 | ND      |     | 38.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1  | 09L077018  | U        | WS1110.0 | 9/12/98  | 0000029935 | 8/30/98  |
| SC-07519-S    | AROCLOR-1254 | ND      |     | 41.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 12017007   | U        | QT1474.0 | 9/6/98   | 0000024713 | 9/5/98   |
| SC-07519-S-EB | AROCLOR-1254 | ND      |     | 1.00   | UG/L  | N/A    | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1  | 09L099001  | U        | WS1112.0 | 9/12/98  | 0000029970 | 9/5/98   |
| SC-07519-S-FR | AROCLOR-1254 | ND      |     | 40.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 12017008   | U        | QT1474.0 | 9/6/98   | 0000029930 | 9/5/98   |
| SC-07519-S-SD | AROCLOR-1254 | ND      |     | 42.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1  | 09L099002  | U        | WS1112.0 | 9/13/98  | 0000029971 | 9/5/98   |
| SC-07813-S    | AROCLOR-1254 | ND      |     | 40.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11967004   | U        | QT1471.0 | 8/31/98  | 0000024734 | 8/29/98  |
| SC-07813-S-EB | AROCLOR-1254 | ND      |     | 1.00   | UG/L  | N/A    | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1  | 09L077019  | U        | WS1110.0 | 9/12/98  | 0000029937 | 8/29/98  |
| SC-07813-S-FR | AROCLOR-1254 | ND      |     | 39.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11967005   | U        | QT1471.0 | 8/31/98  | 0000029703 | 8/29/98  |
| SC-07813-S-SD | AROCLOR-1254 | ND      |     | 41.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1  | 09L077020  | U        | WS1110.0 | 9/12/98  | 0000029938 | 8/29/98  |
| SC-07709-S    | AROCLOR-1254 | ND      |     | 40.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11959009   | U        | QT1468.0 | 8/30/98  | 0000024762 | 8/29/98  |
| SC-07709-S-EB | AROCLOR-1254 | ND      |     | 1.00   | UG/L  | N/A    | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1  | 09L077021  | U        | WS1110.0 | 9/12/98  | 0000029939 | 8/29/98  |
| SC-07709-S-FR | AROCLOR-1254 | ND      |     | 38.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11959009   | U        | QT1468.0 | 8/30/98  | 0000029941 | 8/29/98  |
| SC-07709-S-SD | AROCLOR-1254 | ND      |     | 40.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1  | 09L077022  | U        | WS1110.0 | 9/12/98  | 0000029940 | 8/29/98  |
| SC-05214-S    | AROCLOR-1260 | ND      |     | 40.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 12199005   | U        | QT1493.0 | 9/20/98  | 0000023885 | 9/18/98  |
| SC-05214-S-EB | AROCLOR-1260 | ND      |     | 1.00   | UG/L  | N/A    | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1  | 09L295001  | U        | WS1120.0 | 9/24/98  | 0000030158 | 9/18/98  |
| SC-05214-S-FR | AROCLOR-1260 | ND      |     | 40.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 12199006   | U        | QT1493.0 | 9/20/98  | 0000030157 | 9/18/98  |
| SC-05214-S-MD | AROCLOR-1260 | 150.00  |     | 40.00  | UG/KG | 6.6%   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 12199005MD |          | QT1493.0 | 9/20/98  | 0000030154 | 9/18/98  |
| SC-05214-S-MS | AROCLOR-1260 | 180     |     | 40.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 12199005MS |          | QT1493.0 | 9/20/98  | 0000030156 | 9/18/98  |
| SC-05214-S-SD | AROCLOR-1260 | ND      |     | 40.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1  | 09L295002  | U        | WS1120.0 | 9/24/98  | 0000030159 | 9/18/98  |
| SC-05418-S    | AROCLOR-1260 | ND      |     | 41.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 12199017   | U        | QT1493.0 | 9/20/98  | 0000023730 | 9/18/98  |
| SC-05418-S-EB | AROCLOR-1260 | ND      |     | 1.00   | UG/L  | N/A    | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1  | 09L295003  | U        | WS1120.0 | 9/24/98  | 0000030185 | 9/18/98  |
| SC-05418-S-FR | AROCLOR-1260 | ND      |     | 42.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 12199018   | U        | QT1493.0 | 9/20/98  | 0000030186 | 9/18/98  |
| SC-05418-S-MD | AROCLOR-1260 | 130.00  |     | 40.00  | UG/KG | 8.0%   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 12199017MD |          | QT1493.0 | 9/20/98  | 0000030183 | 9/18/98  |
| SC-05418-S-MS | AROCLOR-1260 | 120.00  |     | 40.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 12199017MS |          | QT1493.0 | 9/20/98  | 0000030182 | 9/18/98  |
| SC-05418-S-SD | AROCLOR-1260 | ND      |     | 41.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1  | 09L295004  | U        | WS1120.0 | 9/24/98  | 0000030188 | 9/18/98  |
| SC-05502-S    | AROCLOR-1260 | 43.00   |     | 38.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11893001   | U        | QT1459.0 | 8/24/98  | 0000023744 | 8/22/98  |
| SC-05502-S-EB | AROCLOR-1260 | ND      |     | 2.00   | UG/L  | N/A    | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1  | 09L077001  | U        | WS1110.0 | 9/12/98  | 0000029423 | 8/22/98  |
| SC-05502-S-FR | AROCLOR-1260 | ND      |     | 39.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11893002   | U        | QT1459.0 | 8/24/98  | 0000029424 | 8/22/98  |
| SC-05502-S-MD | AROCLOR-1260 | 180.00  |     | 36.00  | UG/KG | 11.8%  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11893001MD |          | QT1459.0 | 8/24/98  | 0000029425 | 8/22/98  |
| SC-05502-S-MS | AROCLOR-1260 | 180.00  |     | 39.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11893001MS |          | QT1459.0 | 8/24/98  | 0000029426 | 8/22/98  |
| SC-05502-S-SD | AROCLOR-1260 | ND      |     | 41.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1  | 09L077002  | U        | WS1110.0 | 9/12/98  | 0000029427 | 8/22/98  |
| SC-05517-S    | AROCLOR-1260 | ND      |     | 38.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11883012   | U        | QT1458.0 | 8/24/98  | 0000023758 | 8/22/98  |
| SC-05517-S-EB | AROCLOR-1260 | ND      |     | 2.00   | UG/L  | N/A    | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1  | 09L077003  | U        | WS1110.0 | 9/12/98  | 0000029428 | 8/22/98  |
| SC-05517-S-FR | AROCLOR-1260 | ND      |     | 36.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11883013   | U        | QT1458.0 | 8/24/98  | 0000029430 | 8/22/98  |
| SC-05517-S-MD | AROCLOR-1260 | 380.00  |     | 36.00  | UG/KG | 37.5%  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11883012MD |          | QT1458.0 | 8/24/98  | 0000029431 | 8/22/98  |
| SC-05517-S-MS | AROCLOR-1260 | 280.00  |     | 36.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11883012MS |          | QT1458.0 | 8/24/98  | 0000029432 | 8/22/98  |
| SC-05517-S-SD | AROCLOR-1260 | ND      |     | 37.00  | UG/KG | NOTE1  | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1  | 09L077004  | U        | WS1110.0 | 8/12/98  | 0000029433 | 8/22/98  |
| SC-05704-S    | AROCLOR-1260 | ND      |     | 37.00  | UG/KG | N/A    | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1  | 11882001   | U        | QT1455.0 | 8/23/98  | 0000023796 | 8/21/98  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER    | CONC   | ERR | DL     | UNITS | RPD   | DER | VAL | QUAL | METHOD    | MATRIX        | CATEGORY  | DIL | LAB ID      | LAB QUAL | LAB REQD | DATE     | SAMPLINK   | DATE    |
|---------------|--------------|--------|-----|--------|-------|-------|-----|-----|------|-----------|---------------|-----------|-----|-------------|----------|----------|----------|------------|---------|
| SC-05704-S-EB | AROCLOR-1200 | ND     |     | 1.00   | UG/L  | N/A   | N/A | U   |      | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 08L619001   | U        | WS1106.0 | 8/26/96  | 0000029451 | 8/21/96 |
| SC-05704-S-FR | AROCLOR-1200 | ND     |     | 39.000 | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11882002    | U        | QT1455.0 | 8/23/96  | 0000029447 | 8/21/96 |
| SC-05704-S-MD | AROCLOR-1200 | 170.00 |     | 37.000 | UG/KG | 8.1%  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11882001MD  |          | QT1455.0 | 8/23/96  | 0000029448 | 8/21/96 |
| SC-05704-S-MS | AROCLOR-1200 | 160.00 |     | 37.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11882001MS  |          | QT1455.0 | 8/23/96  | 0000029449 | 8/21/96 |
| SC-05704-S-SD | AROCLOR-1200 | ND     |     | 39.00  | UG/KG | NOTE1 | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 08L619002   | U        | WS1106.0 | 8/27/96  | 0000029450 | 8/21/96 |
| SC-05902-S    | AROCLOR-1200 | ND     |     | 41.00  | UG/KG | N/A   | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11914001    | U        | QT1463.0 | 8/27/96  | 0000029458 | 8/23/96 |
| SC-05902-S-EB | AROCLOR-1200 | ND     |     | 2.200  | UG/L  | N/A   | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L077007   | U        | WS1110.0 | 8/1/96   | 0000029459 | 8/23/96 |
| SC-05902-S-FR | AROCLOR-1200 | ND     |     | 42.00  | UG/KG | NOTE1 | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11914002    | U        | QT1463.0 | 8/27/96  | 0000029462 | 8/23/96 |
| SC-05902-S-MD | AROCLOR-1200 | 160.00 |     | 41.00  | UG/KG | 8.5%  | N/A | A   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11914001MD  |          | QT1463.0 | 8/27/96  | 0000029463 | 8/23/96 |
| SC-05902-S-MS | AROCLOR-1200 | 150.00 |     | 42.00  | UG/KG | N/A   | N/A | A   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11914001MS  |          | QT1463.0 | 8/27/96  | 0000029464 | 8/23/96 |
| SC-05902-S-SD | AROCLOR-1200 | ND     |     | 42.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L077006   | U        | WS1110.0 | 8/1/96   | 0000029465 | 8/23/96 |
| SC-05912-S    | AROCLOR-1200 | ND     |     | 36.00  | UG/KG | N/A   | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11914014    | U        | QT1463.0 | 8/28/96  | 0000029466 | 8/23/96 |
| SC-05912-S-EB | AROCLOR-1200 | ND     |     | 2.000  | UG/L  | N/A   | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L077006   | U        | WS1110.0 | 8/1/96   | 0000029467 | 8/23/96 |
| SC-05912-S-FR | AROCLOR-1200 | ND     |     | 37.00  | UG/KG | NOTE1 | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11914015    | U        | QT1463.0 | 8/28/96  | 0000029468 | 8/23/96 |
| SC-05912-S-MD | AROCLOR-1200 | 150    |     | 36.000 | UG/KG | 9.0%  | N/A | A   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11914014MD  |          | QT1463.0 | 8/28/96  | 0000029469 | 8/23/96 |
| SC-05912-S-MS | AROCLOR-1200 | 150.00 |     | 36.000 | UG/KG | N/A   | N/A | A   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11914014MS  |          | QT1463.0 | 8/28/96  | 0000029470 | 8/23/96 |
| SC-05912-S-SD | AROCLOR-1200 | ND     |     | 39.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L077010   | U        | WS1110.0 | 8/1/96   | 0000029471 | 8/23/96 |
| SC-06001-S    | AROCLOR-1200 | ND     |     | 43.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12320001    | U        | QT1503.0 | 10/2/96  | 0000029472 | 8/30/96 |
| SC-06001-S-EB | AROCLOR-1200 | ND     |     | 0.12   | UG/L  | N/A   | N/A | *   |      | EPA 8080A | WATER         | PEST/PCBS | 1   | 08100606-01 | U        | GE2002.0 | 10/9/96  | 0000029473 | 8/30/96 |
| SC-06001-S-FR | AROCLOR-1200 | ND     |     | 41.000 | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12320002    | U        | QT1503.0 | 10/2/96  | 0000029474 | 8/30/96 |
| SC-06001-S-MD | AROCLOR-1200 | 240.00 |     | 43.000 | UG/KG | 4.1%  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12320001MD  |          | QT1503.0 | 10/2/96  | 0000029475 | 8/30/96 |
| SC-06001-S-MS | AROCLOR-1200 | 250.00 |     | 42.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12320001MS  |          | QT1503.0 | 10/2/96  | 0000029476 | 8/30/96 |
| SC-06001-S-SD | AROCLOR-1200 | ND     |     | 60.70  | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 10  | 08100606-02 | U        | GE2002.0 | 10/12/96 | 0000029477 | 8/30/96 |
| SC-06101-S    | AROCLOR-1200 | ND     |     | 38.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12219001    | U        | QT1466.0 | 8/22/96  | 0000029478 | 8/19/96 |
| SC-06101-S-EB | AROCLOR-1200 | ND     |     | 1.00   | UG/L  | N/A   | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L295005   | U        | WS1120.0 | 8/24/96  | 0000029479 | 8/19/96 |
| SC-06101-S-FR | AROCLOR-1200 | ND     |     | 39.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12219002    | U        | QT1466.0 | 8/22/96  | 0000029480 | 8/19/96 |
| SC-06101-S-MD | AROCLOR-1200 | 180.00 |     | 38.00  | UG/KG | 0.0%  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12219001MD  |          | QT1466.0 | 8/22/96  | 0000029481 | 8/19/96 |
| SC-06101-S-MS | AROCLOR-1200 | 150.00 |     | 38.000 | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12219001MS  |          | QT1466.0 | 8/22/96  | 0000029482 | 8/19/96 |
| SC-06101-S-SD | AROCLOR-1200 | ND     |     | 37.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L295006   | U        | WS1120.0 | 8/24/96  | 0000029483 | 8/19/96 |
| SC-06203-S    | AROCLOR-1200 | ND     |     | 39.00  | UG/KG | N/A   | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12434001    | U        | QT2011.0 | 10/12/96 | 0000029484 | 10/8/96 |
| SC-06203-S-EB | AROCLOR-1200 | ND     |     | 0.120  | UG/L  | N/A   | N/A | *   |      | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 08100606-01 | U        | GE2011.0 | 10/16/96 | 0000029485 | 10/8/96 |
| SC-06203-S-FR | AROCLOR-1200 | ND     |     | 37.00  | UG/KG | NOTE1 | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12434002    | U        | QT2011.0 | 10/12/96 | 0000029486 | 10/8/96 |
| SC-06203-S-MD | AROCLOR-1200 | 200    |     | 39.000 | UG/KG | 0.0%  | N/A | A   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12434001MD  |          | QT2011.0 | 10/12/96 | 0000029487 | 10/8/96 |
| SC-06203-S-MS | AROCLOR-1200 | 200.00 |     | 39.000 | UG/KG | N/A   | N/A | A   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12434001MS  |          | QT2011.0 | 10/12/96 | 0000029488 | 10/8/96 |
| SC-06203-S-SD | AROCLOR-1200 | ND     |     | 47.40  | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 10  | 08100606-02 | U        | GE2011.0 | 10/21/96 | 0000029489 | 10/8/96 |
| SC-06218-S    | AROCLOR-1200 | ND     |     | 35.00  | UG/KG | N/A   | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12434013    | U        | QT2011.0 | 10/12/96 | 0000029490 | 10/8/96 |
| SC-06218-S-EB | AROCLOR-1200 | ND     |     | 0.120  | UG/L  | N/A   | N/A | *   |      | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 08100606-03 | U        | GE2011.0 | 10/16/96 | 0000029491 | 10/8/96 |
| SC-06218-S-FR | AROCLOR-1200 | ND     |     | 37.000 | UG/KG | NOTE1 | N/A | U   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12434014    | U        | QT2011.0 | 10/11/96 | 0000029492 | 10/8/96 |
| SC-06218-S-MD | AROCLOR-1200 | 180.00 |     | 37.00  | UG/KG | 0.0%  | N/A | A   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12434013MD  |          | QT2011.0 | 10/13/96 | 0000029493 | 10/8/96 |
| SC-06218-S-MS | AROCLOR-1200 | 180.00 |     | 37.00  | UG/KG | N/A   | N/A | A   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12434013MS  |          | QT2011.0 | 10/12/96 | 0000029494 | 10/8/96 |
| SC-06218-S-SD | AROCLOR-1200 | ND     |     | 48.90  | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 10  | 08100606-04 | U        | GE2011.0 | 10/22/96 | 0000029495 | 10/8/96 |
| SC-06317-S    | AROCLOR-1200 | ND     |     | 41.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12219017    | U        | QT1495.0 | 8/23/96  | 0000029496 | 8/19/96 |
| SC-06317-S-EB | AROCLOR-1200 | ND     |     | 1.00   | UG/L  | N/A   | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L295007   | U        | WS1120.0 | 8/24/96  | 0000029497 | 8/19/96 |
| SC-06317-S-FR | AROCLOR-1200 | ND     |     | 40.000 | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12219018    | U        | QT1495.0 | 8/23/96  | 0000029498 | 8/19/96 |
| SC-06317-S-MD | AROCLOR-1200 | 170    |     | 41.000 | UG/KG | 8.1%  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12219017MD  |          | QT1495.0 | 8/23/96  | 0000029499 | 8/19/96 |
| SC-06317-S-MS | AROCLOR-1200 | 160    |     | 41.000 | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12219017MS  |          | QT1495.0 | 8/23/96  | 0000029500 | 8/19/96 |
| SC-06317-S-SD | AROCLOR-1200 | ND     |     | 41.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L295008   | U        | WS1120.0 | 8/24/96  | 0000029501 | 8/19/96 |
| SC-06408-C    | AROCLOR-1200 | ND     |     | 37.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12223010    | U        | QT1496.0 | 8/23/96  | 0000029502 | 8/19/96 |
| SC-06408-C-EB | AROCLOR-1200 | ND     |     | 1.00   | UG/L  | N/A   | N/A | *   |      | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 08L295009   | U        | WS1120.0 | 8/24/96  | 0000029503 | 8/19/96 |
| SC-06408-C-FR | AROCLOR-1200 | ND     |     | 36.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12223011    | U        | QT1496.0 | 8/23/96  | 0000029504 | 8/19/96 |
| SC-06408-C-MD | AROCLOR-1200 | 150.00 |     | 37.000 | UG/KG | 0.0%  | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12223010MD  |          | QT1496.0 | 8/23/96  | 0000029505 | 8/19/96 |
| SC-06408-C-MS | AROCLOR-1200 | 150.00 |     | 37.00  | UG/KG | N/A   | N/A | *   |      | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12223010MS  |          | QT1496.0 | 8/23/96  | 0000029506 | 8/19/96 |
| SC-06408-C-SD | AROCLOR-1200 | ND     |     | 36.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8081  | SOIL          | PEST/PCBS | 1   | 08L295010   | U        | WS1120.0 | 8/24/96  | 0000029507 | 8/19/96 |

**APPENDIX G TABLE G-1**

| WSSRAP ID     | PARAMETER    | CONC   | ERR | DL     | UNITS | RFD   | DER | VAL | METHOD    | MATRIX        | CATEGORY  | OIL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|--------------|--------|-----|--------|-------|-------|-----|-----|-----------|---------------|-----------|-----|------------|----------|----------|----------|------------|----------|
| SC-06422-S    | AROCLOR-1260 | ND     |     | 40.00  | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 12223031   | U        | QT1486.0 | 9/22/96  | 0000024229 | 9/19/96  |
| SC-06422-S-EB | AROCLOR-1260 | ND     |     | 1.00   | UG/L  | N/A   | N/A | *   | EPA 8061  | SURFACE WATER | PEST/PCBS | 1   | 09L296011  | U        | WS1120.0 | 9/24/96  | 0000029607 | 9/19/96  |
| SC-06422-S-FR | AROCLOR-1260 | ND     |     | 40.00  | UG/KG | NOTE1 | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 12223032   | U        | QT1486.0 | 9/23/96  | 0000029610 | 9/19/96  |
| SC-06422-S-MD | AROCLOR-1260 | 190.00 |     | 41.00  | UG/KG | 5.1%  | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 12223031MD |          | QT1486.0 | 9/23/96  | 0000029611 | 9/19/96  |
| SC-06422-S-M5 | AROCLOR-1260 | 200    |     | 40.000 | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 12223031MS |          | QT1486.0 | 9/23/96  | 0000029612 | 9/19/96  |
| SC-06422-S-SD | AROCLOR-1260 | ND     |     | 41.00  | UG/KG | NOTE1 | N/A | *   | EPA 8061  | SOIL          | PEST/PCBS | 1   | 09L296012  | U        | WS1120.0 | 9/24/96  | 0000029608 | 9/19/96  |
| SC-06512-S    | AROCLOR-1260 | ND     |     | 40.00  | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11958004   | U        | QT1467.0 | 8/30/96  | 0000024441 | 8/26/96  |
| SC-06512-S-EB | AROCLOR-1260 | ND     |     | 1.000  | UG/L  | N/A   | N/A | *   | EPA 8061  | SURFACE WATER | PEST/PCBS | 1   | 09L077011  | U        | WS1110.0 | 9/11/96  | 0000029613 | 8/26/96  |
| SC-06512-S-FR | AROCLOR-1260 | ND     |     | 40.000 | UG/KG | NOTE1 | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11958005   | U        | QT1467.0 | 8/30/96  | 0000029616 | 8/26/96  |
| SC-06512-S-MD | AROCLOR-1260 | 160.00 |     | 38.000 | UG/KG | 0.0%  | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11958004MD |          | QT1467.0 | 8/30/96  | 0000029617 | 8/26/96  |
| SC-06512-S-M5 | AROCLOR-1260 | 160.00 |     | 39.00  | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11958004M5 |          | QT1467.0 | 8/30/96  | 0000029618 | 8/26/96  |
| SC-06512-S-SD | AROCLOR-1260 | ND     |     | 40.00  | UG/KG | NOTE1 | N/A | *   | EPA 8061  | SOIL          | PEST/PCBS | 1   | 09L077012  | U        | WS1110.0 | 9/12/96  | 0000029614 | 8/26/96  |
| SC-06606-S    | AROCLOR-1260 | ND     |     | 37.00  | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11884007   | U        | QT1458.0 | 8/23/96  | 0000024481 | 8/21/96  |
| SC-06606-S-EB | AROCLOR-1260 | ND     |     | 1.000  | UG/L  | N/A   | N/A | U   | EPA 8060A | SURFACE WATER | PEST/PCBS | 1   | 08L19003   | U        | WS1106.0 | 8/26/96  | 0000029472 | 8/21/96  |
| SC-06606-S-FR | AROCLOR-1260 | ND     |     | 38.00  | UG/KG | NOTE1 | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11884008   | U        | QT1458.0 | 8/23/96  | 0000029473 | 8/21/96  |
| SC-06606-S-MD | AROCLOR-1260 | 160    |     | 37.000 | UG/KG | 0.0%  | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11884007MD |          | QT1458.0 | 8/23/96  | 0000029474 | 8/21/96  |
| SC-06606-S-M5 | AROCLOR-1260 | 160.00 |     | 37.00  | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11884007M5 |          | QT1458.0 | 8/23/96  | 0000029475 | 8/21/96  |
| SC-06606-S-SD | AROCLOR-1260 | ND     |     | 39.00  | UG/KG | NOTE1 | N/A | U   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 08L19004   | U        | WS1108.0 | 8/26/96  | 0000029476 | 8/21/96  |
| SC-06610-S    | AROCLOR-1260 | ND     |     | 41.00  | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11884022   | U        | QT1458.0 | 8/23/96  | 0000024478 | 8/21/96  |
| SC-06610-S-EB | AROCLOR-1260 | ND     |     | 1.000  | UG/L  | N/A   | N/A | U   | EPA 8060A | SURFACE WATER | PEST/PCBS | 1   | 08L19005   | U        | WS1108.0 | 8/26/96  | 0000029478 | 8/21/96  |
| SC-06610-S-FR | AROCLOR-1260 | ND     |     | 40.00  | UG/KG | NOTE1 | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11884023   | U        | QT1458.0 | 8/23/96  | 0000029479 | 8/21/96  |
| SC-06610-S-MD | AROCLOR-1260 | 210.00 |     | 41.00  | UG/KG | 17.4% | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11884022MD |          | QT1458.0 | 8/23/96  | 0000029480 | 8/21/96  |
| SC-06610-S-M5 | AROCLOR-1260 | 250    |     | 41.000 | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11884022M5 |          | QT1458.0 | 8/23/96  | 0000029481 | 8/21/96  |
| SC-06610-S-SD | AROCLOR-1260 | ND     |     | 39.00  | UG/KG | NOTE1 | N/A | U   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 08L19006   | U        | WS1106.0 | 8/26/96  | 0000029482 | 8/21/96  |
| SC-06713-S    | AROCLOR-1260 | ND     |     | 38.00  | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11960012   | U        | QT1454.0 | 8/21/96  | 0000024481 | 8/19/96  |
| SC-06713-S-EB | AROCLOR-1260 | ND     |     | 1.00   | UG/L  | N/A   | N/A | U   | EPA 8060A | SURFACE WATER | PEST/PCBS | 1   | 08L19007   | U        | WS1108.0 | 8/26/96  | 0000029484 | 8/19/96  |
| SC-06713-S-FR | AROCLOR-1260 | ND     |     | 37.00  | UG/KG | NOTE1 | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11960013   | U        | QT1454.0 | 8/21/96  | 0000029485 | 8/19/96  |
| SC-06713-S-MD | AROCLOR-1260 | 210.00 |     | 38.00  | UG/KG | 4.6%  | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11960012MD |          | QT1454.0 | 8/21/96  | 0000029486 | 8/19/96  |
| SC-06713-S-M5 | AROCLOR-1260 | 200.00 |     | 38.00  | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11960012M5 |          | QT1454.0 | 8/21/96  | 0000029487 | 8/19/96  |
| SC-06713-S-SD | AROCLOR-1260 | ND     |     | 37.00  | UG/KG | NOTE1 | N/A | U   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 08L19008   | U        | WS1108.0 | 8/27/96  | 0000029488 | 8/19/96  |
| SC-06807-S    | AROCLOR-1260 | ND     |     | 38.00  | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11907007   | U        | QT1481.0 | 8/26/96  | 0000029506 | 8/23/96  |
| SC-06807-S-EB | AROCLOR-1260 | ND     |     | 1.000  | UG/L  | N/A   | N/A | *   | EPA 8061  | SURFACE WATER | PEST/PCBS | 1   | 09L077013  | U        | WS1110.0 | 9/11/96  | 0000029490 | 8/23/96  |
| SC-06807-S-FR | AROCLOR-1260 | ND     |     | 38.00  | UG/KG | NOTE1 | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11907008   | U        | QT1481.0 | 8/26/96  | 0000029491 | 8/23/96  |
| SC-06807-S-MD | AROCLOR-1260 | 170.00 |     | 38.00  | UG/KG | 0.0%  | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11907007MD |          | QT1481.0 | 8/26/96  | 0000029492 | 8/23/96  |
| SC-06807-S-M5 | AROCLOR-1260 | 170.00 |     | 38.000 | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11907007M5 |          | QT1481.0 | 8/26/96  | 0000029493 | 8/23/96  |
| SC-06807-S-SD | AROCLOR-1260 | ND     |     | 38.00  | UG/KG | NOTE1 | N/A | *   | EPA 8061  | SOIL          | PEST/PCBS | 1   | 09L077014  | U        | WS1110.0 | 9/12/96  | 0000029494 | 8/23/96  |
| SC-06901-S    | AROCLOR-1260 | ND     |     | 38.00  | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11662001   | U        | QT1452.0 | 8/22/96  | 0000024521 | 8/19/96  |
| SC-06901-S-EB | AROCLOR-1260 | ND     |     | 1.00   | UG/L  | N/A   | N/A | U   | EPA 8060A | SURFACE WATER | PEST/PCBS | 1   | 08L19009   | U        | WS1108.0 | 8/27/96  | 0000029496 | 8/19/96  |
| SC-06901-S-FR | AROCLOR-1260 | ND     |     | 38.00  | UG/KG | NOTE1 | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11662002   | U        | QT1452.0 | 8/22/96  | 0000029497 | 8/19/96  |
| SC-06901-S-MD | AROCLOR-1260 | 360    |     | 38.000 | UG/KG | 38.1% | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11662001MD |          | QT1452.0 | 8/22/96  | 0000029498 | 8/19/96  |
| SC-06901-S-M5 | AROCLOR-1260 | 250.00 |     | 38.000 | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11662001M5 |          | QT1452.0 | 8/22/96  | 0000029499 | 8/19/96  |
| SC-06901-S-SD | AROCLOR-1260 | ND     |     | 38.00  | UG/KG | NOTE1 | N/A | U   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 08L19010   | U        | WS1108.0 | 8/27/96  | 0000029500 | 8/19/96  |
| SC-06911-S    | AROCLOR-1260 | ND     |     | 39.00  | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11661001   | U        | QT1453.0 | 8/21/96  | 0000024530 | 8/19/96  |
| SC-06911-S-EB | AROCLOR-1260 | ND     |     | 1.00   | UG/L  | N/A   | N/A | U   | EPA 8060A | SURFACE WATER | PEST/PCBS | 1   | 08L19011   | U        | WS1108.0 | 8/27/96  | 0000029502 | 8/19/96  |
| SC-06911-S-FR | AROCLOR-1260 | ND     |     | 42.000 | UG/KG | NOTE1 | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11661002   | U        | QT1453.0 | 8/21/96  | 0000029503 | 8/19/96  |
| SC-06911-S-MD | AROCLOR-1260 | 200.00 |     | 39.00  | UG/KG | 0.0%  | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11661001MD |          | QT1453.0 | 8/21/96  | 0000029505 | 8/19/96  |
| SC-06911-S-M5 | AROCLOR-1260 | 200.00 |     | 39.00  | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11661001M5 |          | QT1453.0 | 8/21/96  | 0000029506 | 8/19/96  |
| SC-06911-S-SD | AROCLOR-1260 | ND     |     | 41.00  | UG/KG | NOTE1 | N/A | U   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 08L19012   | U        | WS1108.0 | 8/27/96  | 0000024550 | 8/19/96  |
| SC-06922-S    | AROCLOR-1260 | ND     |     | 44.00  | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11881016   | U        | QT1463.0 | 8/22/96  | 0000024550 | 8/19/96  |
| SC-06922-S-EB | AROCLOR-1260 | ND     |     | 1.000  | UG/L  | N/A   | N/A | U   | EPA 8060A | SURFACE WATER | PEST/PCBS | 1   | 08L19013   | U        | WS1108.0 | 8/27/96  | 0000029508 | 8/19/96  |
| SC-06922-S-FR | AROCLOR-1260 | ND     |     | 43.00  | UG/KG | NOTE1 | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11881017   | U        | QT1463.0 | 8/22/96  | 0000029509 | 8/19/96  |
| SC-06922-S-MD | AROCLOR-1260 | 210.00 |     | 45.00  | UG/KG | 0.0%  | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11661016MD |          | QT1453.0 | 8/22/96  | 0000029510 | 8/19/96  |
| SC-06922-S-M5 | AROCLOR-1260 | 210.00 |     | 44.00  | UG/KG | N/A   | N/A | *   | EPA 8060A | SOIL          | PEST/PCBS | 1   | 11661016M5 |          | QT1453.0 | 8/22/96  | 0000029511 | 8/19/96  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER    | CONC   | ERR | DL     | UNITS | RPD   | DER | VAL | METHOD    | MATRIX        | CATEGORY  | DIL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|--------------|--------|-----|--------|-------|-------|-----|-----|-----------|---------------|-----------|-----|------------|----------|----------|----------|------------|----------|
| SC-06922-S-SD | AROCLOR-1260 | ND     |     | 42.00  | UG/KG | NOTE1 | N/A | U   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 08L819014  | U        | WS1108.0 | 8/27/96  | 0000029512 | 8/19/98  |
| SC-07124-S    | AROCLOR-1260 | ND     |     | 40.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12352016   | U        | QT2001.0 | 10/4/96  | 0000030432 | 10/1/96  |
| SC-07124-S-EB | AROCLOR-1260 | ND     |     | 0.12   | UG/L  | N/A   | N/A | *   | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 9610123-01 | U        | GE2005.0 | 10/9/96  | 0000030475 | 10/1/96  |
| SC-07124-S-FR | AROCLOR-1260 | ND     |     | 38.00  | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12352017   | U        | QT2001.0 | 10/3/96  | 0000030442 | 10/1/96  |
| SC-07124-S-MD | AROCLOR-1260 | 170.00 |     | 40.00  | UG/KG | 12.5% | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12352018MD |          | QT2001.0 | 10/4/96  | 0000030440 | 10/1/96  |
| SC-07124-S-MS | AROCLOR-1260 | 150.00 |     | 40.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12352018MS |          | QT2001.0 | 10/4/96  | 0000030438 | 10/1/96  |
| SC-07124-S-SD | AROCLOR-1260 | ND     |     | 51.10  | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 10  | 8610086-05 | U        | GE2002.0 | 10/12/96 | 0000030455 | 10/1/96  |
| SC-07221-C    | AROCLOR-1260 | ND     |     | 38.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12364005   | U        | QT2003.0 | 10/7/96  | 0000024635 | 10/2/96  |
| SC-07221-C-EB | AROCLOR-1260 | ND     |     | 0.12   | UG/L  | N/A   | N/A | *   | EPA 8080A | SURFACE WATER | PEST/PCBS | 1   | 9610123-02 | U        | GE2005.0 | 10/9/96  | 0000030488 | 10/2/96  |
| SC-07221-C-FR | AROCLOR-1260 | ND     |     | 39.000 | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12364006   | U        | QT2003.0 | 10/7/96  | 0000030467 | 10/2/96  |
| SC-07221-C-MD | AROCLOR-1260 | 170.00 |     | 38.00  | UG/KG | 6.1%  | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12364005MD |          | QT2003.0 | 10/7/96  | 0000030486 | 10/2/96  |
| SC-07221-C-MS | AROCLOR-1260 | 190.00 |     | 38.000 | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12364005MS |          | QT2003.0 | 10/7/96  | 0000030484 | 10/2/96  |
| SC-07221-C-SD | AROCLOR-1260 | ND     |     | 45.80  | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 10  | 9610123-03 | U        | GE2005.0 | 10/12/96 | 0000030458 | 10/2/96  |
| SC-07317-S    | AROCLOR-1260 | ND     |     | 37.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12252001   | U        | QT1487.0 | 9/25/96  | 0000024859 | 9/21/96  |
| SC-07317-S-EB | AROCLOR-1260 | ND     |     | 1.000  | UG/L  | N/A   | N/A | *   | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L313001  | U        | WS1123.0 | 9/28/96  | 0000030242 | 9/21/96  |
| SC-07317-S-FR | AROCLOR-1260 | ND     |     | 36.00  | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12252002   | U        | QT1497.0 | 9/25/96  | 0000030244 | 9/21/96  |
| SC-07317-S-MD | AROCLOR-1260 | 200    |     | 37.000 | UG/KG | 8.5%  | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12252001MD |          | QT1497.0 | 9/25/96  | 0000030245 | 9/21/96  |
| SC-07317-S-MS | AROCLOR-1260 | 220.00 |     | 37.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12252001MS |          | QT1497.0 | 9/25/96  | 0000030248 | 9/21/96  |
| SC-07317-S-SD | AROCLOR-1260 | ND     |     | 180.00 | UG/KG | NOTE1 | N/A | *   | EPA 8081  | SOIL          | PEST/PCBS | 5   | 08L313002  | U        | WS1123.0 | 9/27/96  | 0000030247 | 9/21/96  |
| SC-07405-S    | AROCLOR-1260 | ND     |     | 39.00  | UG/KG | N/A   | N/A | U   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11976008   | U        | QT1472.0 | 9/2/96   | 0000024873 | 8/30/96  |
| SC-07405-S-EB | AROCLOR-1260 | ND     |     | 1.00   | UG/L  | N/A   | N/A | *   | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L077015  | U        | WS1110.0 | 9/11/96  | 0000029909 | 8/30/96  |
| SC-07405-S-FR | AROCLOR-1260 | ND     |     | 38.00  | UG/KG | NOTE1 | N/A | U   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11976009   | U        | QT1472.0 | 9/2/96   | 0000029736 | 8/30/96  |
| SC-07405-S-MD | AROCLOR-1260 | 180.00 |     | 39.00  | UG/KG | 6.1%  | N/A | A   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11976008MD |          | QT1472.0 | 9/2/96   | 0000029735 | 8/30/96  |
| SC-07405-S-MS | AROCLOR-1260 | 170    |     | 39.000 | UG/KG | N/A   | N/A | A   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11976008MS |          | QT1472.0 | 9/2/96   | 0000029734 | 8/30/96  |
| SC-07405-S-SD | AROCLOR-1260 | ND     |     | 42.00  | UG/KG | NOTE1 | N/A | *   | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L077016  | U        | WS1110.0 | 9/12/96  | 0000029834 | 8/30/96  |
| SC-07428-S    | AROCLOR-1260 | ND     |     | 40.00  | UG/KG | N/A   | N/A | U   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11976029   | U        | QT1472.0 | 9/2/96   | 0000024694 | 8/30/96  |
| SC-07428-S-EB | AROCLOR-1260 | ND     |     | 1.000  | UG/L  | N/A   | N/A | *   | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L077017  | U        | WS1110.0 | 9/11/96  | 0000029835 | 8/30/96  |
| SC-07428-S-FR | AROCLOR-1260 | ND     |     | 39.00  | UG/KG | NOTE1 | N/A | U   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11976030   | U        | QT1472.0 | 9/2/96   | 0000029738 | 8/30/96  |
| SC-07428-S-MD | AROCLOR-1260 | 170.00 |     | 40.00  | UG/KG | 0.0%  | N/A | A   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11976029MD |          | QT1472.0 | 9/2/96   | 0000029740 | 8/30/96  |
| SC-07428-S-MS | AROCLOR-1260 | 170    |     | 40.000 | UG/KG | N/A   | N/A | A   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11976029MS |          | QT1472.0 | 9/2/96   | 0000029737 | 8/30/96  |
| SC-07428-S-SD | AROCLOR-1260 | ND     |     | 38.00  | UG/KG | NOTE1 | N/A | *   | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L077018  | U        | WS1110.0 | 9/12/96  | 0000029936 | 8/30/96  |
| SC-07519-S    | AROCLOR-1260 | ND     |     | 41.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12017007   | U        | QT1474.0 | 9/6/96   | 0000024713 | 9/5/96   |
| SC-07519-S-EB | AROCLOR-1260 | ND     |     | 1.000  | UG/L  | N/A   | N/A | *   | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L099001  | U        | WS1112.0 | 9/12/96  | 0000029970 | 9/5/96   |
| SC-07519-S-FR | AROCLOR-1260 | ND     |     | 40.000 | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12017008   | U        | QT1474.0 | 9/6/96   | 0000029930 | 9/5/96   |
| SC-07519-S-MD | AROCLOR-1260 | 180.00 |     | 42.000 | UG/KG | 0.0%  | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12017007MD |          | QT1474.0 | 9/6/96   | 0000029938 | 9/5/96   |
| SC-07519-S-MS | AROCLOR-1260 | 180.00 |     | 42.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 12017007MS |          | QT1474.0 | 9/6/96   | 0000029927 | 9/5/96   |
| SC-07519-S-SD | AROCLOR-1260 | ND     |     | 42.00  | UG/KG | NOTE1 | N/A | *   | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L099002  | U        | WS1112.0 | 9/13/96  | 0000029971 | 9/5/96   |
| SC-07613-S    | AROCLOR-1260 | ND     |     | 40.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11967004   | U        | QT1471.0 | 8/31/96  | 0000024734 | 8/29/96  |
| SC-07613-S-EB | AROCLOR-1260 | ND     |     | 1.000  | UG/L  | N/A   | N/A | *   | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L077019  | U        | WS1110.0 | 9/12/96  | 0000029937 | 8/29/96  |
| SC-07613-S-FR | AROCLOR-1260 | ND     |     | 39.00  | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11967005   | U        | QT1471.0 | 8/31/96  | 0000029703 | 8/29/96  |
| SC-07613-S-MD | AROCLOR-1260 | 170.00 |     | 40.00  | UG/KG | 6.1%  | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11967004MD |          | QT1471.0 | 8/31/96  | 0000029701 | 8/29/96  |
| SC-07613-S-MS | AROCLOR-1260 | 180.00 |     | 40.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11967004MS |          | QT1471.0 | 8/31/96  | 0000029700 | 8/29/96  |
| SC-07613-S-SD | AROCLOR-1260 | ND     |     | 41.00  | UG/KG | NOTE1 | N/A | *   | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L077020  | U        | WS1110.0 | 9/12/96  | 0000029936 | 8/29/96  |
| SC-07709-S    | AROCLOR-1260 | ND     |     | 40.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11959008   | U        | QT1468.0 | 8/30/96  | 0000024762 | 8/28/96  |
| SC-07709-S-EB | AROCLOR-1260 | ND     |     | 1.00   | UG/L  | N/A   | N/A | *   | EPA 8081  | SURFACE WATER | PEST/PCBS | 1   | 09L077021  | U        | WS1110.0 | 9/12/96  | 0000029938 | 8/28/96  |
| SC-07709-S-FR | AROCLOR-1260 | ND     |     | 38.00  | UG/KG | NOTE1 | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11959009   | U        | QT1468.0 | 8/30/96  | 0000029991 | 8/28/96  |
| SC-07709-S-MD | AROCLOR-1260 | 180.00 |     | 41.000 | UG/KG | 0.0%  | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11959008MD |          | QT1468.0 | 8/30/96  |            | 8/28/96  |
| SC-07709-S-MS | AROCLOR-1260 | 180.00 |     | 40.00  | UG/KG | N/A   | N/A | *   | EPA 8080A | SOIL          | PEST/PCBS | 1   | 11959008MS |          | QT1468.0 | 8/30/96  |            | 8/28/96  |
| SC-07709-S-SD | AROCLOR-1260 | ND     |     | 40.00  | UG/KG | NOTE1 | N/A | *   | EPA 8081  | SOIL          | PEST/PCBS | 1   | 09L077022  | U        | WS1110.0 | 9/12/96  | 0000029940 | 8/28/96  |
| SC-05214-S    | ARSENIC      | 4.00   |     | 0.48   | UG/G  | N/A   | N/A | *   | EPA CLP   | SOIL          | METALS    | 1   | 12199005   |          | QT1493.0 | 9/20/96  | 0000023888 | 9/18/96  |
| SC-05214-S-OU | ARSENIC      | 2.70   |     | 0.48   | UG/G  | 38.6% | N/A | *   | EPA CLP   | SOIL          | METALS    | 1   | 12189005OU |          | QT1493.0 | 9/20/96  | 0000030155 | 9/18/96  |
| SC-05214-S-EB | ARSENIC      | ND     |     | 1.80   | UG/L  | N/A   | N/A | *   | EPA CLP   | SURFACE WATER | METALS    | 1   | 09L295001  | U        | WS1120.0 | 9/25/96  | 0000030156 | 9/18/96  |
| SC-05214-S-FR | ARSENIC      | 4.60   |     | 0.480  | UG/G  | 14.0% | N/A | *   | EPA CLP   | SOIL          | METALS    | 1   | 12199006   |          | QT1493.0 | 9/20/96  | 0000030157 | 9/18/96  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER | CONC   | ERR | DL    | UNITS | RPD   | DER | VAL QUAL | METHOD   | MATRIX        | CATEGORY | DL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLELNK  | DATE SAM |
|---------------|-----------|--------|-----|-------|-------|-------|-----|----------|----------|---------------|----------|----|------------|----------|----------|----------|------------|----------|
| SC-05214-S-MS | ARSENIC   | 500.00 |     | 0.48  | UG/G  | N/A   | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 12199005MS |          | QT1493.0 | 8/20/96  | 0000030156 | 8/18/96  |
| SC-05214-S-SD | ARSENIC   | 2.50   |     | 0.42  | UG/G  | 48.2% | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 08L295002  |          | WS1120.0 | 8/25/96  | 0000030159 | 8/18/96  |
| SC-05418-S    | ARSENIC   | 3.10   |     | 0.49  | UG/G  | N/A   | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 12199017   |          | QT1493.0 | 8/20/96  | 0000023730 | 8/18/96  |
| SC-05418-S-DU | ARSENIC   | 3.50   |     | 0.49  | UG/G  | 12.1% | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 12199017DU |          | QT1493.0 | 8/20/96  | 0000030164 | 8/18/96  |
| SC-05418-S-EB | ARSENIC   | ND     |     | 1.80  | UG/L  | N/A   | N/A | *        | EPA CLP  | SURFACE WATER | METALS   | 1  | 08L295003  | U        | WS1120.0 | 8/25/96  | 0000030165 | 8/18/96  |
| SC-05418-S-FR | ARSENIC   | 4.20   |     | 0.51  | UG/G  | 30.1% | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 12199018   |          | QT1493.0 | 8/20/96  | 0000030169 | 8/18/96  |
| SC-05418-S-MB | ARSENIC   | 493.00 |     | 0.49  | UG/G  | N/A   | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 12199017MS |          | QT1493.0 | 8/20/96  | 0000030162 | 8/18/96  |
| SC-05418-S-SD | ARSENIC   | 3.20   |     | 0.43  | UG/G  | 3.2%  | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 08L295004  |          | WS1120.0 | 8/25/96  | 0000030163 | 8/18/96  |
| SC-05704-S    | ARSENIC   | 7.00   |     | 0.45  | UG/G  | N/A   | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 11882001   |          | QT1455.0 | 8/23/96  | 0000023795 | 8/21/96  |
| SC-05704-S-DU | ARSENIC   | 8      |     | 0.450 | UG/G  | 2.6%  | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 11882001DU |          | QT1455.0 | 8/23/96  | 0000029446 | 8/21/96  |
| SC-05704-S-EB | ARSENIC   | ND     |     | 1.50  | UG/L  | N/A   | N/A | U        | EPA 7080 | SURFACE WATER | METALS   | 1  | 08L19001   | U        | WS1108.0 | 8/28/96  | 0000029451 | 8/21/96  |
| SC-05704-S-FR | ARSENIC   | 13.00  |     | 0.47  | UG/G  | 48.6% | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 11882002   |          | QT1455.0 | 8/23/96  | 0000029447 | 8/21/96  |
| SC-05704-S-MS | ARSENIC   | 479.00 |     | 0.45  | UG/G  | N/A   | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 11882001MS |          | QT1455.0 | 8/23/96  | 0000029449 | 8/21/96  |
| SC-05704-S-SD | ARSENIC   | 4.40   |     | 0.51  | UG/G  | 56.8% | N/A | A        | EPA 7080 | SOIL          | METALS   | 2  | 08L19002   |          | WS1108.0 | 8/31/96  | 0000029450 | 8/21/96  |
| SC-05809-S    | ARSENIC   | 9.80   |     | 0.48  | UG/G  | N/A   | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 11896008   |          | QT1460.0 | 8/23/96  | 0000024068 | 8/22/96  |
| SC-05809-S-DU | ARSENIC   | 11.40  |     | 0.48  | UG/G  | 15.1% | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 11896008DU |          | QT1460.0 | 8/23/96  | 0000029453 | 8/22/96  |
| SC-05809-S-EB | ARSENIC   | 2      |     | 1.500 | UG/L  | N/A   | N/A | *        | EPA CLP  | SURFACE WATER | METALS   | 1  | 09L077005  | B        | WS1110.0 | 9/12/96  | 0000029482 | 8/22/96  |
| SC-05809-S-FR | ARSENIC   | 8      |     | 0.470 | UG/G  | 22.7% | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 11896008   |          | QT1460.0 | 8/23/96  | 0000029454 | 8/22/96  |
| SC-05809-S-MS | ARSENIC   | 503.00 |     | 0.48  | UG/G  | N/A   | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 11896008MS |          | QT1460.0 | 8/23/96  | 0000029456 | 8/22/96  |
| SC-05809-S-SD | ARSENIC   | 7.20   |     | 0.430 | UG/G  | 30.8% | N/A | *        | EPA CLP  | SOIL          | METALS   | 2  | 09L077006  |          | WS1110.0 | 9/13/96  | 0000029482 | 8/22/96  |
| SC-05902-S    | ARSENIC   | ND     |     | 3.50  | UG/G  | N/A   | N/A | 3.5U     | EPA CLP  | SOIL          | METALS   | 1  | 11914001   |          | QT1463.0 | 8/27/96  | 0000024066 | 8/23/96  |
| SC-05902-S-DU | ARSENIC   | ND     |     | 3.80  | UG/G  | NOTE1 | N/A | 3.8U     | EPA CLP  | SOIL          | METALS   | 1  | 11914001DU |          | QT1463.0 | 8/27/96  | 0000029451 | 8/23/96  |
| SC-05902-S-EB | ARSENIC   | ND     |     | 1.500 | UG/L  | N/A   | N/A | *        | EPA CLP  | SURFACE WATER | METALS   | 1  | 09L077007  | U        | WS1110.0 | 9/12/96  | 0000029456 | 8/23/96  |
| SC-05902-S-FR | ARSENIC   | ND     |     | 5.500 | UG/G  | NOTE1 | N/A | 5.5U     | EPA CLP  | SOIL          | METALS   | 1  | 11914002   |          | QT1463.0 | 8/27/96  | 0000029482 | 8/23/96  |
| SC-05902-S-MS | ARSENIC   | 529.00 |     | 0.500 | UG/G  | N/A   | N/A | A        | EPA CLP  | SOIL          | METALS   | 1  | 11914001MS |          | QT1463.0 | 8/27/96  | 0000029484 | 8/23/96  |
| SC-06001-S    | ARSENIC   | 8.80   |     | 0.46  | UG/G  | N/A   | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 12320001   |          | QT1503.0 | 10/1/96  | 0000024106 | 9/30/96  |
| SC-06001-S-DU | ARSENIC   | 8.30   |     | 0.48  | UG/G  | 5.8%  | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 12320001DU |          | QT1503.0 | 10/1/96  | 0000029575 | 9/30/96  |
| SC-06001-S-EB | ARSENIC   | ND     |     | 2.00  | UG/L  | N/A   | N/A | *        | EPA CLP  | WATER         | METALS   | 1  | 0610068-01 | U        | GE2002.0 | 10/6/96  | 0000030460 | 9/30/96  |
| SC-06001-S-FR | ARSENIC   | 8.40   |     | 0.440 | UG/G  | 4.7%  | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 12320002   |          | QT1503.0 | 10/1/96  | 0000029573 | 9/30/96  |
| SC-06001-S-MS | ARSENIC   | 593.00 |     | 0.46  | UG/G  | N/A   | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 12320001MS |          | QT1503.0 | 10/1/96  | 0000029572 | 9/30/96  |
| SC-06001-S-SD | ARSENIC   | 8.80   |     | 0.50  | UG/G  | 2.3%  | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 9610068-02 | B        | GE2002.0 | 10/10/96 | 0000030458 | 9/30/96  |
| SC-06101-S    | ARSENIC   | 18.00  |     | 0.48  | UG/G  | N/A   | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 12218001   |          | QT1495.0 | 8/20/96  | 0000024130 | 8/18/96  |
| SC-06101-S-DU | ARSENIC   | 17.30  |     | 0.46  | UG/G  | 7.8%  | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 12218001DU |          | QT1495.0 | 8/20/96  | 0000029582 | 8/18/96  |
| SC-06101-S-EB | ARSENIC   | 1.60   |     | 1.60  | UG/L  | N/A   | N/A | *        | EPA CLP  | SURFACE WATER | METALS   | 1  | 09L295006  | B        | WS1120.0 | 8/25/96  | 0000029577 | 8/18/96  |
| SC-06101-S-FR | ARSENIC   | 7.40   |     | 0.47  | UG/G  | 73.5% | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 12218002   |          | QT1495.0 | 8/20/96  | 0000029581 | 8/18/96  |
| SC-06101-S-MS | ARSENIC   | 477.00 |     | 0.46  | UG/G  | N/A   | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 12218001MS |          | QT1495.0 | 8/20/96  | 0000029579 | 8/18/96  |
| SC-06101-S-SD | ARSENIC   | 7.10   |     | 0.38  | UG/G  | 77.1% | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 08L295008  |          | WS1120.0 | 8/25/96  | 0000029578 | 8/18/96  |
| SC-06203-S    | ARSENIC   | 17.40  |     | 0.42  | UG/G  | N/A   | N/A | J        | EPA CLP  | SOIL          | METALS   | 1  | 12434001   |          | QT2011.0 | 10/8/96  | 0000024151 | 10/8/96  |
| SC-06203-S-DU | ARSENIC   | 11     |     | 0.420 | UG/G  | 44.2% | N/A | J        | EPA CLP  | SOIL          | METALS   | 1  | 12434001DU |          | QT2011.0 | 10/8/96  | 0000029588 | 10/8/96  |
| SC-06203-S-EB | ARSENIC   | ND     |     | 2.00  | UG/L  | N/A   | N/A | *        | 6010A    | SURFACE WATER | METALS   | 1  | 9610283-01 | U        | GE2011.0 | 10/16/96 | 0000029583 | 10/8/96  |
| SC-06203-S-FR | ARSENIC   | 9.20   |     | 0.400 | UG/G  | 61.7% | N/A | J        | EPA CLP  | SOIL          | METALS   | 1  | 12434002   |          | QT2011.0 | 10/8/96  | 0000029587 | 10/8/96  |
| SC-06203-S-MS | ARSENIC   | 513.00 |     | 0.42  | UG/G  | N/A   | N/A | A        | EPA CLP  | SOIL          | METALS   | 1  | 12434001MS |          | QT2011.0 | 10/8/96  | 0000029586 | 10/8/96  |
| SC-06203-S-SD | ARSENIC   | 8.70   |     | 0.44  | UG/G  | 66.7% | N/A | *        | 6010A    | SOIL          | METALS   | 1  | 9610283-02 | *        | GE2011.0 | 10/16/96 | 0000029584 | 10/8/96  |
| SC-06218-S    | ARSENIC   | 9.00   |     | 0.41  | UG/G  | N/A   | N/A | A        | EPA CLP  | SOIL          | METALS   | 1  | 12434013   |          | QT2011.0 | 10/8/96  | 0000024165 | 10/8/96  |
| SC-06218-S-DU | ARSENIC   | 9.50   |     | 0.41  | UG/G  | 5.4%  | N/A | A        | EPA CLP  | SOIL          | METALS   | 1  | 12434013DU |          | QT2011.0 | 10/8/96  | 0000029583 | 10/8/96  |
| SC-06218-S-EB | ARSENIC   | ND     |     | 2.000 | UG/L  | N/A   | N/A | *        | 6010A    | SURFACE WATER | METALS   | 1  | 9610283-03 | U        | GE2011.0 | 10/16/96 | 0000029588 | 10/8/96  |
| SC-06218-S-FR | ARSENIC   | 7.70   |     | 0.40  | UG/G  | 15.6% | N/A | A        | EPA CLP  | SOIL          | METALS   | 1  | 12434014   |          | QT2011.0 | 10/8/96  | 0000029584 | 10/8/96  |
| SC-06218-S-MS | ARSENIC   | 499.00 |     | 0.410 | UG/G  | N/A   | N/A | A        | EPA CLP  | SOIL          | METALS   | 1  | 12434013MS |          | QT2011.0 | 10/8/96  | 0000029582 | 10/8/96  |
| SC-06218-S-SD | ARSENIC   | 7.00   |     | 0.44  | UG/G  | 25.0% | N/A | *        | 6010A    | SOIL          | METALS   | 1  | 9610283-04 | *        | GE2011.0 | 10/16/96 | 0000029580 | 10/8/96  |
| SC-06317-S    | ARSENIC   | 7.10   |     | 0.48  | UG/G  | N/A   | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 12218017   |          | QT1495.0 | 8/20/96  | 0000024185 | 8/18/96  |
| SC-06317-S-DU | ARSENIC   | 7.80   |     | 0.49  | UG/G  | 9.4%  | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 12218017DU |          | QT1495.0 | 8/20/96  | 0000029597 | 8/20/96  |
| SC-06317-S-EB | ARSENIC   | ND     |     | 1.800 | UG/L  | N/A   | N/A | *        | EPA CLP  | SURFACE WATER | METALS   | 1  | 08L295007  | U        | WS1120.0 | 8/25/96  | 0000029595 | 8/18/96  |
| SC-06317-S-FR | ARSENIC   | 7.70   |     | 0.48  | UG/G  | 8.1%  | N/A | *        | EPA CLP  | SOIL          | METALS   | 1  | 12218018   |          | QT1495.0 | 8/20/96  | 0000029596 | 8/18/96  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER | CONC   | ERR | DL    | UNITS | RPD   | DER | VAL | QUAL | METHOD   | MATRIX        | CATEGORY | DIL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|-----------|--------|-----|-------|-------|-------|-----|-----|------|----------|---------------|----------|-----|------------|----------|----------|----------|------------|----------|
| SC-06317-S-MS | ARSENIC   | 507.00 |     | 0.490 | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 12219017MS |          | QT1495.0 | 9/20/96  | 0000029500 | 9/19/96  |
| SC-06317-S-SD | ARSENIC   | 5.10   |     | 0.44  | UG/G  | 32.8% | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 09L295008  |          | WS1120.0 | 9/25/96  | 0000029596 | 9/19/96  |
| SC-06408-C    | ARSENIC   | 6.90   |     | 0.45  | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 12223010   |          | QT1496.0 | 9/21/96  | 0000029604 | 9/19/96  |
| SC-06408-C-DU | ARSENIC   | 6.60   |     | 0.45  | UG/G  | 4.4%  | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 12223010DU |          | QT1496.0 | 9/21/96  | 0000029605 | 9/19/96  |
| SC-06408-C-EB | ARSENIC   | ND     |     | 1.600 | UG/L  | N/A   | N/A | *   |      | EPA CLP  | SURFACE WATER | METALS   | 1   | 09L295009  | U        | WS1120.0 | 9/25/96  | 0000029601 | 9/19/96  |
| SC-06408-C-FR | ARSENIC   | 6.00   |     | 0.44  | UG/G  | 14.0% | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 12223011   |          | QT1496.0 | 9/21/96  | 0000029604 | 9/19/96  |
| SC-06408-C-MS | ARSENIC   | 459.00 |     | 0.45  | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 12223010MS |          | QT1496.0 | 9/21/96  | 0000029605 | 9/19/96  |
| SC-06408-C-SD | ARSENIC   | 5.20   |     | 0.39  | UG/G  | 28.1% | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 09L295010  |          | WS1120.0 | 9/25/96  | 0000029602 | 9/19/96  |
| SC-06422-S    | ARSENIC   | 11.90  |     | 0.49  | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 12223031   |          | QT1496.0 | 9/21/96  | 0000029628 | 9/19/96  |
| SC-06422-S-DU | ARSENIC   | 13     |     | 0.490 | UG/G  | 10.4% | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 12223031DU |          | QT1496.0 | 9/21/96  | 0000029609 | 9/19/96  |
| SC-06422-S-EB | ARSENIC   | ND     |     | 1.60  | UG/L  | N/A   | N/A | *   |      | EPA CLP  | SURFACE WATER | METALS   | 1   | 09L295011  | U        | WS1120.0 | 9/25/96  | 0000029607 | 9/19/96  |
| SC-06422-S-FR | ARSENIC   | 10.70  |     | 0.49  | UG/G  | 10.8% | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 12223032   |          | QT1496.0 | 9/21/96  | 0000029610 | 9/19/96  |
| SC-06422-S-MS | ARSENIC   | 502.00 |     | 0.49  | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 12223031MS |          | QT1496.0 | 9/21/96  | 0000029612 | 9/19/96  |
| SC-06422-S-SD | ARSENIC   | 10.50  |     | 0.86  | UG/G  | 12.5% | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 2   | 09L295012  |          | WS1120.0 | 9/27/96  | 0000029608 | 9/19/96  |
| SC-06512-S    | ARSENIC   | 4.30   |     | 0.48  | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11958004   |          | QT1467.0 | 8/30/96  | 0000024441 | 8/28/96  |
| SC-06512-S-DU | ARSENIC   | 4.90   |     | 0.48  | UG/G  | 13.0% | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11958004DU |          | QT1467.0 | 8/30/96  | 0000029615 | 8/28/96  |
| SC-06512-S-EB | ARSENIC   | ND     |     | 1.50  | UG/L  | N/A   | N/A | *   |      | EPA CLP  | SURFACE WATER | METALS   | 1   | 09L077011  | U        | WS1110.0 | 9/12/96  | 0000029613 | 8/28/96  |
| SC-06512-S-FR | ARSENIC   | 3.00   |     | 0.480 | UG/G  | 35.8% | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11958005   |          | QT1467.0 | 8/30/96  | 0000029618 | 8/28/96  |
| SC-06512-S-MS | ARSENIC   | 484.00 |     | 0.480 | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11958004MS |          | QT1467.0 | 8/30/96  | 0000029618 | 8/28/96  |
| SC-06512-S-SD | ARSENIC   | 3.80   |     | 3.80  | UG/G  | 9.8%  | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 2   | 09L077012  | B        | WS1110.0 | 9/13/96  | 0000029614 | 8/28/96  |
| SC-06606-S    | ARSENIC   | 9.10   |     | 0.44  | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11884007   |          | QT1458.0 | 8/23/96  | 0000024461 | 8/21/96  |
| SC-06606-S-DU | ARSENIC   | 5      |     | 0.440 | UG/G  | 8.2%  | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11884007DU |          | QT1458.0 | 8/23/96  | 0000029471 | 8/21/96  |
| SC-06606-S-EB | ARSENIC   | ND     |     | 1.50  | UG/L  | N/A   | N/A | U   |      | EPA 7060 | SURFACE WATER | METALS   | 1   | 08L819003  | U        | WS1106.0 | 8/28/96  | 0000029472 | 8/21/96  |
| SC-06606-S-MS | ARSENIC   | 481.00 |     | 0.44  | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11884007MS |          | QT1458.0 | 8/23/96  | 0000029475 | 8/21/96  |
| SC-06606-S-SD | ARSENIC   | 5.20   |     | 0.25  | UG/G  | 54.5% | N/A | A   |      | EPA 7060 | SOIL          | METALS   | 1   | 08L819004  |          | WS1106.0 | 8/31/96  | 0000029478 | 8/21/96  |
| SC-06619-S    | ARSENIC   | 8.70   |     | 0.50  | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11884022   |          | QT1458.0 | 8/23/96  | 0000024476 | 8/21/96  |
| SC-06619-S-DU | ARSENIC   | 6.80   |     | 0.50  | UG/G  | 1.1%  | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11884022DU |          | QT1458.0 | 8/23/96  | 0000029477 | 8/21/96  |
| SC-06619-S-EB | ARSENIC   | ND     |     | 1.500 | UG/L  | N/A   | N/A | U   |      | EPA 7060 | SURFACE WATER | METALS   | 1   | 08L819005  | U        | WS1106.0 | 8/28/96  | 0000029479 | 8/21/96  |
| SC-06619-S-FR | ARSENIC   | 7.40   |     | 0.48  | UG/G  | 16.1% | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11884023   |          | QT1458.0 | 8/23/96  | 0000029479 | 8/21/96  |
| SC-06619-S-MS | ARSENIC   | 526.00 |     | 0.50  | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11884022MS |          | QT1458.0 | 8/23/96  | 0000029481 | 8/21/96  |
| SC-06619-S-SD | ARSENIC   | 5.50   |     | 0.51  | UG/G  | 45.1% | N/A | A   |      | EPA 7060 | SOIL          | METALS   | 2   | 08L819006  |          | WS1106.0 | 8/31/96  | 0000029482 | 8/21/96  |
| SC-06713-S    | ARSENIC   | 5.70   |     | 0.46  | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11860012   |          | QT1454.0 | 8/21/96  | 0000024491 | 8/19/96  |
| SC-06713-S-DU | ARSENIC   | 5.30   |     | 0.46  | UG/G  | 7.3%  | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11860012DU |          | QT1454.0 | 8/21/96  | 0000029483 | 8/19/96  |
| SC-06713-S-EB | ARSENIC   | ND     |     | 1.50  | UG/L  | N/A   | N/A | U   |      | EPA 7060 | SURFACE WATER | METALS   | 1   | 08L819007  | U        | WS1106.0 | 8/28/96  | 0000029484 | 8/19/96  |
| SC-06713-S-FR | ARSENIC   | 5      |     | 0.450 | UG/G  | 9.2%  | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11860013   |          | QT1454.0 | 8/21/96  | 0000029485 | 8/19/96  |
| SC-06713-S-MS | ARSENIC   | 468.00 |     | 0.46  | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11860012MS |          | QT1454.0 | 8/21/96  | 0000029487 | 8/19/96  |
| SC-06713-S-SD | ARSENIC   | 3.50   |     | 0.47  | UG/G  | 47.8% | N/A | A   |      | EPA 7060 | SOIL          | METALS   | 2   | 08L819008  |          | WS1106.0 | 8/31/96  | 0000029488 | 8/19/96  |
| SC-06807-S    | ARSENIC   | 8.20   |     | 0.48  | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11907007   |          | QT1461.0 | 8/24/96  | 0000024506 | 8/23/96  |
| SC-06807-S-DU | ARSENIC   | 10.30  |     | 0.46  | UG/G  | 22.7% | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11907007DU |          | QT1461.0 | 8/24/96  | 0000029489 | 8/23/96  |
| SC-06807-S-EB | ARSENIC   | ND     |     | 1.50  | UG/L  | N/A   | N/A | *   |      | EPA CLP  | SURFACE WATER | METALS   | 1   | 09L077013  | U        | WS1110.0 | 9/12/96  | 0000029490 | 8/23/96  |
| SC-06807-S-FR | ARSENIC   | 11.50  |     | 0.48  | UG/G  | 33.5% | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11907008   |          | QT1461.0 | 8/24/96  | 0000029491 | 8/23/96  |
| SC-06807-S-MS | ARSENIC   | 484.00 |     | 0.480 | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11907007MS |          | QT1461.0 | 8/24/96  | 0000029493 | 8/23/96  |
| SC-06807-S-SD | ARSENIC   | 8.90   |     | 4.60  | UG/G  | 8.2%  | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 2   | 09L077014  |          | WS1110.0 | 9/13/96  | 0000029494 | 8/23/96  |
| SC-06901-S    | ARSENIC   | 10.30  |     | 0.46  | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11862001   |          | QT1452.0 | 8/23/96  | 0000024521 | 8/19/96  |
| SC-06901-S-DU | ARSENIC   | 9.80   |     | 0.46  | UG/G  | 7.0%  | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11862001DU |          | QT1452.0 | 8/23/96  | 0000029495 | 8/19/96  |
| SC-06901-S-EB | ARSENIC   | ND     |     | 1.500 | UG/L  | N/A   | N/A | U   |      | EPA 7060 | SURFACE WATER | METALS   | 1   | 08L819009  | U        | WS1106.0 | 8/28/96  | 0000029496 | 8/19/96  |
| SC-06901-S-FR | ARSENIC   | 8.70   |     | 0.45  | UG/G  | 16.8% | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11862002   |          | QT1452.0 | 8/23/96  | 0000029497 | 8/19/96  |
| SC-06901-S-MS | ARSENIC   | 490.00 |     | 0.46  | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11862001MS |          | QT1452.0 | 8/23/96  | 0000029499 | 8/19/96  |
| SC-06901-S-SD | ARSENIC   | 6.90   |     | 0.46  | UG/G  | 39.5% | N/A | A   |      | EPA 7060 | SOIL          | METALS   | 2   | 08L819010  |          | WS1106.0 | 8/31/96  | 0000029500 | 8/19/96  |
| SC-06911-S    | ARSENIC   | 12.40  |     | 0.47  | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11861001   |          | QT1453.0 | 8/22/96  | 0000024538 | 8/19/96  |
| SC-06911-S-DU | ARSENIC   | 10.00  |     | 0.47  | UG/G  | 21.4% | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11861001DU |          | QT1453.0 | 8/22/96  | 0000029501 | 8/19/96  |
| SC-06911-S-EB | ARSENIC   | ND     |     | 1.500 | UG/L  | N/A   | N/A | U   |      | EPA 7060 | SURFACE WATER | METALS   | 1   | 08L819011  | U        | WS1106.0 | 8/28/96  | 0000029502 | 8/19/96  |
| SC-06911-S-FR | ARSENIC   | 9.50   |     | 0.50  | UG/G  | 28.5% | N/A | *   |      | EPA CLP  | SOIL          | METALS   | 1   | 11861002   |          | QT1453.0 | 8/22/96  | 0000029503 | 8/19/96  |

APPENDIX G TABLE G-1

| WBSRAP ID     | PARAMETER | CONC   | ERR | DL    | UNITS | RPO   | DER | VAL<br>QUAL | METHOD    | MATRIX        | CATEGORY | DL | LAB<br>ID  | LAB<br>QUAL | LAB<br>REQU | DATE<br>ANA | SAMPLE#    | DATE<br>SAM |
|---------------|-----------|--------|-----|-------|-------|-------|-----|-------------|-----------|---------------|----------|----|------------|-------------|-------------|-------------|------------|-------------|
| SC-06811-S-MS | ARSENIC   | 477.00 |     | 0.47  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 11861001MS |             | QT1453.0    | 8/22/98     | 0000028505 | 8/19/98     |
| SC-06811-S-SD | ARSENIC   | 6.30   |     | 0.53  | UG/G  | 65.2% | N/A | A           | EPA 7060  | SOIL          | METALS   | 2  | 08L18012   |             | WS1108.0    | 8/31/98     | 0000028506 | 8/19/98     |
| SC-06822-S    | ARSENIC   | 25.80  |     | 0.54  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 11861016   |             | QT1453.0    | 8/22/98     | 0000024550 | 8/19/98     |
| SC-06822-S-DU | ARSENIC   | 16.20  |     | 0.54  | UG/G  | 43.0% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 11861016DU |             | QT1453.0    | 8/22/98     | 0000026507 | 8/19/98     |
| SC-06822-S-EB | ARSENIC   | ND     |     | 1.500 | UG/L  | N/A   | N/A | U           | EPA 7060  | SURFACE WATER | METALS   | 1  | 08L18013   | U           | WS1108.0    | 8/26/98     | 0000028508 | 8/19/98     |
| SC-06822-S-FR | ARSENIC   | 15.90  |     | 0.52  | UG/G  | 48.7% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 11861017   |             | QT1453.0    | 8/22/98     | 0000028509 | 8/19/98     |
| SC-06822-S-MS | ARSENIC   | 560.00 |     | 0.54  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 11861018MS |             | QT1453.0    | 8/22/98     | 0000028511 | 8/19/98     |
| SC-06822-S-SD | ARSENIC   | 11.40  |     | 0.53  | UG/G  | 76.8% | N/A | A           | EPA 7060  | SOIL          | METALS   | 2  | 08L18014   |             | WS1108.0    | 8/31/98     | 0000028512 | 8/19/98     |
| SC-07124-S    | ARSENIC   | 8.80   |     | 0.44  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 12352018   |             | QT2001.0    | 10/2/98     | 0000030432 | 10/1/98     |
| SC-07124-S-DU | ARSENIC   | 8      |     | 0.440 | UG/G  | 7.1%  | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 12352018DU |             | QT2001.0    | 10/2/98     | 0000030439 | 10/1/98     |
| SC-07124-S-EB | ARSENIC   | ND     |     | 2.00  | UG/L  | N/A   | N/A | *           | EPA 200.7 | SURFACE WATER | METALS   | 1  | 8610123-01 | U           | GE2005.0    | 10/9/98     | 0000030475 | 10/1/98     |
| SC-07124-S-FR | ARSENIC   | 8.00   |     | 0.420 | UG/G  | 9.5%  | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 12352017   |             | QT2001.0    | 10/2/98     | 0000030442 | 10/1/98     |
| SC-07124-S-MS | ARSENIC   | 391.00 |     | 0.440 | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 12352018MS |             | QT2001.0    | 10/2/98     | 0000030438 | 10/1/98     |
| SC-07124-S-SD | ARSENIC   | 7.80   |     | 0.50  | UG/G  | 10.8% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 8610066-05 | B           | GE2002.0    | 10/10/98    | 0000030455 | 10/1/98     |
| SC-07221-C    | ARSENIC   | 6.50   |     | 0.41  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 12364005   |             | QT2003.0    | 10/4/98     | 0000030465 | 10/2/98     |
| SC-07221-C-DU | ARSENIC   | 4.22   |     | 0.41  | UG/G  | 42.5% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 12364006DU |             | QT2003.0    | 10/4/98     | 0000030465 | 10/2/98     |
| SC-07221-C-EB | ARSENIC   | ND     |     | 2.00  | UG/L  | N/A   | N/A | *           | EPA 200.7 | SURFACE WATER | METALS   | 1  | 8610123-02 | U           | GE2005.0    | 10/9/98     | 0000030468 | 10/2/98     |
| SC-07221-C-FR | ARSENIC   | 6.20   |     | 0.43  | UG/G  | 4.7%  | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 12364008   |             | QT2003.0    | 10/4/98     | 0000030467 | 10/2/98     |
| SC-07221-C-MS | ARSENIC   | 480.00 |     | 0.41  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 12364006MS |             | QT2003.0    | 10/4/98     | 0000030464 | 10/2/98     |
| SC-07221-C-SD | ARSENIC   | 3.30   |     | 0.43  | UG/G  | 95.3% | N/A | *           | EPA 200.7 | SOIL          | METALS   | 1  | 8610123-03 |             | GE2005.0    | 10/10/98    | 0000030469 | 10/2/98     |
| SC-07317-S    | ARSENIC   | 10.70  |     | 0.45  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 12252001   |             | QT1497.0    | 9/24/98     | 0000030248 | 9/21/98     |
| SC-07317-S-DU | ARSENIC   | 11     |     | 0.450 | UG/G  | 5.9%  | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 12252001DU |             | QT1497.0    | 9/24/98     | 0000030243 | 9/21/98     |
| SC-07317-S-EB | ARSENIC   | ND     |     | 1.800 | UG/L  | N/A   | N/A | *           | EPA CLP   | SURFACE WATER | METALS   | 1  | 08L18001   | U           | WS1123.0    | 9/28/98     | 0000030242 | 9/21/98     |
| SC-07317-S-FR | ARSENIC   | 10     |     | 0.430 | UG/G  | 10.8% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 12252002   |             | QT1497.0    | 9/24/98     | 0000030244 | 9/21/98     |
| SC-07317-S-MS | ARSENIC   | 485.00 |     | 0.45  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 12252001MS |             | QT1497.0    | 9/24/98     | 0000030248 | 9/21/98     |
| SC-07317-S-SD | ARSENIC   | 7.50   |     | 0.36  | UG/G  | 35.2% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 08L133002  |             | WS1123.0    | 9/28/98     | 0000030247 | 9/21/98     |
| SC-07405-S    | ARSENIC   | 7.80   |     | 0.47  | UG/G  | N/A   | N/A | A           | EPA CLP   | SOIL          | METALS   | 1  | 11878008   |             | QT1472.0    | 8/31/98     | 0000028673 | 8/30/98     |
| SC-07405-S-DU | ARSENIC   | 7.20   |     | 0.47  | UG/G  | 9.3%  | N/A | A           | EPA CLP   | SOIL          | METALS   | 1  | 11878008DU |             | QT1472.0    | 8/31/98     | 0000028673 | 8/30/98     |
| SC-07405-S-EB | ARSENIC   | ND     |     | 1.50  | UG/L  | N/A   | N/A | *           | EPA CLP   | SURFACE WATER | METALS   | 1  | 08L077015  | U           | WS1110.0    | 9/12/98     | 0000028608 | 8/30/98     |
| SC-07405-S-FR | ARSENIC   | 6      |     | 0.460 | UG/G  | 48.8% | N/A | J           | EPA CLP   | SOIL          | METALS   | 1  | 11878008   |             | QT1472.0    | 8/31/98     | 0000028673 | 8/30/98     |
| SC-07405-S-MS | ARSENIC   | 483.00 |     | 0.47  | UG/G  | N/A   | N/A | A           | EPA CLP   | SOIL          | METALS   | 1  | 11878008MS |             | QT1472.0    | 8/31/98     | 0000028674 | 8/30/98     |
| SC-07405-S-SD | ARSENIC   | 3.60   |     | 2.50  | UG/G  | 77.2% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 08L077016  |             | WS1110.0    | 9/12/98     | 0000028634 | 8/30/98     |
| SC-07428-S    | ARSENIC   | 5.00   |     | 0.48  | UG/G  | N/A   | N/A | A           | EPA CLP   | SOIL          | METALS   | 1  | 11878028   |             | QT1472.0    | 9/1/98      | 0000024684 | 8/30/98     |
| SC-07428-S-DU | ARSENIC   | 8      |     | 0.480 | UG/G  | 16.5% | N/A | A           | EPA CLP   | SOIL          | METALS   | 1  | 11878028DU |             | QT1472.0    | 9/1/98      | 0000028678 | 8/30/98     |
| SC-07428-S-EB | ARSENIC   | 4.70   |     | 1.50  | UG/L  | N/A   | N/A | *           | EPA CLP   | SURFACE WATER | METALS   | 1  | 08L077017  | B           | WS1110.0    | 9/12/98     | 0000028635 | 8/30/98     |
| SC-07428-S-FR | ARSENIC   | 6.40   |     | 0.470 | UG/G  | 24.6% | N/A | A           | EPA CLP   | SOIL          | METALS   | 1  | 11878030   |             | QT1472.0    | 9/1/98      | 0000028678 | 8/30/98     |
| SC-07428-S-MS | ARSENIC   | 505.00 |     | 0.48  | UG/G  | N/A   | N/A | A           | EPA CLP   | SOIL          | METALS   | 1  | 11878028MS |             | QT1472.0    | 9/1/98      | 0000028677 | 8/30/98     |
| SC-07428-S-SD | ARSENIC   | 6.80   |     | 2.30  | UG/G  | 11.3% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 08L077018  |             | WS1110.0    | 9/12/98     | 0000028636 | 8/30/98     |
| SC-07519-S    | ARSENIC   | 4.20   |     | 0.51  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 12017007   |             | QT1474.0    | 9/8/98      | 0000024713 | 9/5/98      |
| SC-07519-S-DU | ARSENIC   | 4.70   |     | 0.51  | UG/G  | 11.2% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 12017007DU |             | QT1474.0    | 9/8/98      | 0000028628 | 9/5/98      |
| SC-07519-S-EB | ARSENIC   | ND     |     | 1.500 | UG/L  | N/A   | N/A | *           | EPA CLP   | SURFACE WATER | METALS   | 1  | 08L088001  | U           | WS1112.0    | 9/15/98     | 0000028670 | 9/5/98      |
| SC-07519-S-FR | ARSENIC   | 6      |     | 0.480 | UG/G  | 35.3% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 12017008   |             | QT1474.0    | 9/8/98      | 0000028630 | 9/5/98      |
| SC-07519-S-MS | ARSENIC   | 520.00 |     | 0.510 | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 12017007MS |             | QT1474.0    | 9/8/98      | 0000028627 | 9/5/98      |
| SC-07519-S-SD | ARSENIC   | 2.70   |     | 0.78  | UG/G  | 43.5% | N/A | *           | EPA CLP   | SOIL          | METALS   | 2  | 08L088002  | B           | WS1112.0    | 9/15/98     | 0000028671 | 9/5/98      |
| SC-07613-S    | ARSENIC   | 7.00   |     | 0.49  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 11867004   |             | QT1471.0    | 8/31/98     | 0000024734 | 8/29/98     |
| SC-07613-S-DU | ARSENIC   | 6      |     | 0.480 | UG/G  | 12.1% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 11867004DU |             | QT1471.0    | 8/31/98     | 0000028702 | 8/29/98     |
| SC-07613-S-EB | ARSENIC   | ND     |     | 1.500 | UG/L  | N/A   | N/A | *           | EPA CLP   | SURFACE WATER | METALS   | 1  | 08L077019  | U           | WS1110.0    | 9/12/98     | 0000028637 | 8/29/98     |
| SC-07613-S-FR | ARSENIC   | 8.50   |     | 0.48  | UG/G  | 20.5% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 11867005   |             | QT1471.0    | 8/31/98     | 0000028703 | 8/29/98     |
| SC-07613-S-MS | ARSENIC   | 510.00 |     | 0.480 | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 11867004MS |             | QT1471.0    | 8/31/98     | 0000028700 | 8/29/98     |
| SC-07613-S-SD | ARSENIC   | 4.00   |     | 2.40  | UG/G  | 54.5% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 08L077020  |             | WS1110.0    | 9/12/98     | 0000028638 | 8/29/98     |
| SC-07709-S    | ARSENIC   | 9.70   |     | 0.49  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 11859008   |             | QT1468.0    | 8/30/98     | 0000024782 | 8/28/98     |
| SC-07709-S-DU | ARSENIC   | 8      |     | 0.490 | UG/G  | 24.3% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1  | 11859008DU |             | QT1468.0    | 8/30/98     | 0000024782 | 8/28/98     |
| SC-07709-S-EB | ARSENIC   | ND     |     | 1.500 | UG/L  | N/A   | N/A | *           | EPA CLP   | SURFACE WATER | METALS   | 1  | 08L077021  | U           | WS1110.0    | 9/12/98     | 0000028639 | 8/28/98     |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER          | CONC   | ERR | DL    | UNITS | RPD    | DER | VAL QUAL | METHOD   | MATRIX        | CATEGORY       | DIL | LAB ID      | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|--------------------|--------|-----|-------|-------|--------|-----|----------|----------|---------------|----------------|-----|-------------|----------|----------|----------|------------|----------|
| SC-07709-S-FR | ARSENIC            | 1.60   |     | 0.48  | UG/KG | 143.4% | N/A | *        | EPA CLP  | SOIL          | METALS         | 1   | 11959009    | B        | QT1468.0 | 8/30/96  | 0000029681 | 8/28/96  |
| SC-07709-S-MS | ARSENIC            | 504.00 |     | 0.49  | UG/G  | N/A    | N/A | *        | EPA CLP  | SOIL          | METALS         | 1   | 11959008MS  |          | QT1468.0 | 8/30/96  |            | 8/28/96  |
| SC-07709-S-SD | ARSENIC            | 4.70   |     | 2.40  | UG/G  | 89.4%  | N/A | *        | EPA CLP  | SOIL          | METALS         | 1   | 09L077022   |          | WS1110.0 | 9/12/96  | 0000029840 | 8/28/96  |
| SC-05418-S    | BENZO(A)ANTHRACENE | 370.00 |     | 5.30  | UG/KG | N/A    | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199017    |          | QT1493.0 | 9/20/96  | 0000023730 | 9/18/96  |
| SC-05418-S-EB | BENZO(A)ANTHRACENE | ND     |     | 0.130 | UG/L  | N/A    | N/A | *        | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L295003   | U        | WS1120.0 | 9/24/96  | 0000030185 | 9/18/96  |
| SC-05418-S-FR | BENZO(A)ANTHRACENE | 100.00 |     | 5.40  | UG/KG | 114.8% | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199018    |          | QT1493.0 | 9/20/96  | 0000030169 | 9/18/96  |
| SC-05418-S-MD | BENZO(A)ANTHRACENE | 330    |     | 5.300 | UG/KG | 5.8%   | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199017MD  |          | QT1493.0 | 9/20/96  | 0000030183 | 9/18/96  |
| SC-05418-S-MS | BENZO(A)ANTHRACENE | 350.00 |     | 5.30  | UG/KG | N/A    | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199017MS  |          | QT1493.0 | 9/20/96  | 0000030162 | 9/18/96  |
| SC-05418-S-SD | BENZO(A)ANTHRACENE | ND     |     | 11.10 | UG/KG | NOTE1  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L295004   | U        | WS1120.0 | 9/24/96  | 0000030186 | 9/18/96  |
| SC-05502-S    | BENZO(A)ANTHRACENE | ND     |     | 4.90  | UG/KG | N/A    | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001    | U        | QT1459.0 | 8/24/96  | 0000023744 | 8/22/96  |
| SC-05502-S-EB | BENZO(A)ANTHRACENE | ND     |     | 0.26  | UG/L  | N/A    | N/A | *        | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077001   | U        | WS1110.0 | 9/12/96  | 0000028423 | 8/22/96  |
| SC-05502-S-FR | BENZO(A)ANTHRACENE | ND     |     | 5.10  | UG/KG | NOTE1  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893002    | U        | QT1459.0 | 8/24/96  | 0000028424 | 8/22/96  |
| SC-05502-S-MD | BENZO(A)ANTHRACENE | 270.00 |     | 4.900 | UG/KG | 11.8%  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001MD  |          | QT1459.0 | 8/24/96  | 0000029425 | 8/22/96  |
| SC-05502-S-MS | BENZO(A)ANTHRACENE | 240.00 |     | 4.80  | UG/KG | N/A    | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001MS  |          | QT1459.0 | 8/24/96  | 0000028426 | 8/22/96  |
| SC-05502-S-SD | BENZO(A)ANTHRACENE | ND     |     | 11.00 | UG/KG | NOTE1  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077002   | U        | WS1110.0 | 9/11/96  | 0000028427 | 8/22/96  |
| SC-05517-S    | BENZO(A)ANTHRACENE | 14.00  |     | 4.70  | UG/KG | N/A    | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012    |          | QT1459.0 | 8/24/96  | 0000023768 | 8/22/96  |
| SC-05517-S-EB | BENZO(A)ANTHRACENE | ND     |     | 0.260 | UG/L  | N/A    | N/A | *        | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077003   | U        | WS1110.0 | 9/12/96  | 0000028429 | 8/22/96  |
| SC-05517-S-FR | BENZO(A)ANTHRACENE | 23.00  |     | 4.70  | UG/KG | 46.6%  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893013    |          | QT1459.0 | 8/24/96  | 0000028430 | 8/22/96  |
| SC-05517-S-MD | BENZO(A)ANTHRACENE | 200.00 |     | 4.70  | UG/KG | 18.2%  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012MD  |          | QT1459.0 | 8/24/96  | 0000028431 | 8/22/96  |
| SC-05517-S-MS | BENZO(A)ANTHRACENE | 240.00 |     | 4.70  | UG/KG | N/A    | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012MS  |          | QT1459.0 | 8/24/96  | 0000028432 | 8/22/96  |
| SC-05517-S-SD | BENZO(A)ANTHRACENE | ND     |     | 10.00 | UG/KG | NOTE1  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077004   | U        | WS1110.0 | 9/11/96  | 0000028433 | 8/22/96  |
| SC-05609-S    | BENZO(A)ANTHRACENE | 110.00 |     | 5.10  | UG/KG | N/A    | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11898008    |          | QT1460.0 | 8/25/96  | 0000024066 | 8/22/96  |
| SC-05609-S-EB | BENZO(A)ANTHRACENE | ND     |     | 0.130 | UG/L  | N/A    | N/A | *        | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077005   | U        | WS1110.0 | 9/12/96  | 0000028452 | 8/22/96  |
| SC-05609-S-FR | BENZO(A)ANTHRACENE | 130.00 |     | 5.100 | UG/KG | 16.7%  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 118960009   |          | QT1460.0 | 8/25/96  | 0000028454 | 8/22/96  |
| SC-05609-S-MD | BENZO(A)ANTHRACENE | 460.00 |     | 5.100 | UG/KG | 11.8%  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 118960008MD |          | QT1460.0 | 8/25/96  | 0000028458 | 8/22/96  |
| SC-05609-S-MS | BENZO(A)ANTHRACENE | 400.00 |     | 5.10  | UG/KG | N/A    | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 118960008MS |          | QT1460.0 | 8/25/96  | 0000028456 | 8/22/96  |
| SC-05609-S-SD | BENZO(A)ANTHRACENE | 91.00  |     | 9.84  | UG/KG | 18.9%  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077006   |          | WS1110.0 | 9/11/96  | 0000028457 | 8/22/96  |
| SC-06902-S    | BENZO(A)ANTHRACENE | ND     |     | 5.40  | UG/KG | N/A    | N/A | U        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001    | U        | QT1463.0 | 8/27/96  | 0000024066 | 8/23/96  |
| SC-06902-S-EB | BENZO(A)ANTHRACENE | ND     |     | 0.29  | UG/L  | N/A    | N/A | *        | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077007   | U        | WS1110.0 | 9/12/96  | 0000028459 | 8/23/96  |
| SC-06902-S-FR | BENZO(A)ANTHRACENE | ND     |     | 5.40  | UG/KG | NOTE1  | N/A | U        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914002    | U        | QT1463.0 | 8/27/96  | 0000028462 | 8/23/96  |
| SC-06902-S-MD | BENZO(A)ANTHRACENE | 300.00 |     | 5.40  | UG/KG | 12.5%  | N/A | J        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001MD  |          | QT1463.0 | 8/27/96  | 0000028463 | 8/23/96  |
| SC-06902-S-MS | BENZO(A)ANTHRACENE | 340.00 |     | 5.400 | UG/KG | N/A    | N/A | J        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001MS  |          | QT1463.0 | 8/27/96  | 0000028464 | 8/23/96  |
| SC-06902-S-SD | BENZO(A)ANTHRACENE | ND     |     | 11.40 | UG/KG | NOTE1  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077008   | U        | WS1110.0 | 9/12/96  | 0000028480 | 8/23/96  |
| SC-06912-S    | BENZO(A)ANTHRACENE | ND     |     | 4.70  | UG/KG | N/A    | N/A | U        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914014    | U        | QT1463.0 | 8/27/96  | 0000024100 | 8/23/96  |
| SC-06912-S-EB | BENZO(A)ANTHRACENE | ND     |     | 0.28  | UG/L  | N/A    | N/A | *        | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077009   | U        | WS1110.0 | 9/12/96  | 0000028486 | 8/23/96  |
| SC-06912-S-FR | BENZO(A)ANTHRACENE | ND     |     | 4.80  | UG/KG | NOTE1  | N/A | U        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914015    | U        | QT1463.0 | 8/28/96  | 0000028487 | 8/23/96  |
| SC-06912-S-MD | BENZO(A)ANTHRACENE | 280.00 |     | 4.70  | UG/KG | 3.6%   | N/A | A        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914014MD  |          | QT1463.0 | 8/28/96  | 0000028488 | 8/23/96  |
| SC-06912-S-MS | BENZO(A)ANTHRACENE | 270.00 |     | 4.70  | UG/KG | N/A    | N/A | A        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914014MS  |          | QT1463.0 | 8/28/96  | 0000028489 | 8/23/96  |
| SC-06912-S-SD | BENZO(A)ANTHRACENE | ND     |     | 10.60 | UG/KG | NOTE1  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077010   | U        | WS1110.0 | 9/12/96  | 0000028470 | 8/23/96  |
| SC-06512-S    | BENZO(A)ANTHRACENE | ND     |     | 5.10  | UG/KG | N/A    | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11958004    | U        | QT1467.0 | 8/30/96  | 0000024441 | 8/28/96  |
| SC-06512-S-FR | BENZO(A)ANTHRACENE | ND     |     | 5.100 | UG/KG | NOTE1  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11958005    | U        | QT1467.0 | 8/30/96  | 0000029616 | 8/28/96  |
| SC-06512-S-MD | BENZO(A)ANTHRACENE | 270.00 |     | 5.10  | UG/KG | 3.8%   | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11958004MD  |          | QT1467.0 | 8/30/96  | 0000029617 | 8/28/96  |
| SC-06512-S-MS | BENZO(A)ANTHRACENE | 260.00 |     | 5.100 | UG/KG | N/A    | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11958004MS  |          | QT1467.0 | 8/30/96  | 0000029618 | 8/28/96  |
| SC-06512-S-SD | BENZO(A)ANTHRACENE | ND     |     | 10.80 | UG/KG | NOTE1  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077012   | U        | WS1110.0 | 9/12/96  | 0000029614 | 8/28/96  |
| SC-05418-S    | BENZO(A)PYRENE     | 19.00  |     | 9.40  | UG/KG | N/A    | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199017    |          | QT1493.0 | 9/20/96  | 0000023730 | 9/18/96  |
| SC-05418-S-EB | BENZO(A)PYRENE     | ND     |     | 0.230 | UG/L  | N/A    | N/A | *        | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L295003   | U        | WS1120.0 | 9/24/96  | 0000030185 | 9/18/96  |
| SC-05418-S-FR | BENZO(A)PYRENE     | ND     |     | 9.60  | UG/KG | NOTE1  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199018    | U        | QT1493.0 | 9/20/96  | 0000030169 | 9/18/96  |
| SC-05418-S-MD | BENZO(A)PYRENE     | 300.00 |     | 9.300 | UG/KG | 3.3%   | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199017MD  |          | QT1493.0 | 9/20/96  | 0000030183 | 9/18/96  |
| SC-05418-S-MS | BENZO(A)PYRENE     | 310.00 |     | 9.30  | UG/KG | N/A    | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199017MS  |          | QT1493.0 | 9/20/96  | 0000030162 | 9/18/96  |
| SC-05418-S-SD | BENZO(A)PYRENE     | ND     |     | 18.50 | UG/KG | NOTE1  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L295004   | U        | WS1120.0 | 9/24/96  | 0000030168 | 9/18/96  |
| SC-05502-S    | BENZO(A)PYRENE     | ND     |     | 8.70  | UG/KG | N/A    | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001    | U        | QT1459.0 | 8/24/96  | 0000023744 | 8/22/96  |
| SC-05502-S-EB | BENZO(A)PYRENE     | ND     |     | 0.48  | UG/L  | N/A    | N/A | *        | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077001   | U        | WS1110.0 | 9/12/96  | 0000028423 | 8/22/96  |
| SC-05502-S-FR | BENZO(A)PYRENE     | ND     |     | 9.600 | UG/KG | NOTE1  | N/A | *        | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893002    | U        | QT1459.0 | 8/24/96  | 0000028424 | 8/22/96  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER            | CONC   | ERR | CL    | UNITS | RPD   | DER | VAL | QUAL | METHOD   | MATRIX        | CATEGORY       | DIL | LAB ID     | LAB QUAL | LAB REQ  | DATE ANA | SAMPLINK    | DATE SAM |
|---------------|----------------------|--------|-----|-------|-------|-------|-----|-----|------|----------|---------------|----------------|-----|------------|----------|----------|----------|-------------|----------|
| SC-05502-S-MD | BENZO(A)PYRENE       | 250.00 |     | 8.80  | UG/KG | 17.4% | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001MD |          | QT1459.0 | 8/24/98  | 0000029425  | 8/22/98  |
| SC-05502-S-MS | BENZO(A)PYRENE       | 210.00 |     | 8.70  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001MS |          | QT1459.0 | 8/24/98  | 0000029425  | 8/22/98  |
| SC-05502-S-SD | BENZO(A)PYRENE       | ND     |     | 18.40 | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077002  | U        | WS1110.0 | 9/11/98  | 0000029427  | 8/22/98  |
| SC-05517-S    | BENZO(A)PYRENE       | ND     |     | 8.30  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012   | U        | QT1459.0 | 8/24/98  | 0000023758  | 8/22/98  |
| SC-05517-S-EB | BENZO(A)PYRENE       | ND     |     | 0.480 | UG/L  | N/A   | N/A | *   |      | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077003  | U        | WS1110.0 | 8/12/98  | 0000029429  | 8/22/98  |
| SC-05517-S-FR | BENZO(A)PYRENE       | 12.00  |     | 8.400 | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893013   |          | QT1459.0 | 8/24/98  | 0000029430  | 8/22/98  |
| SC-05517-S-MD | BENZO(A)PYRENE       | 180.00 |     | 8.40  | UG/KG | 20.0% | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012MD |          | QT1459.0 | 8/24/98  | 0000029431  | 8/22/98  |
| SC-05517-S-MS | BENZO(A)PYRENE       | 220.00 |     | 8.30  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012MS |          | QT1459.0 | 8/24/98  | 0000029432  | 8/22/98  |
| SC-05517-S-SD | BENZO(A)PYRENE       | 18.80  |     | 18.70 | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077004  |          | WS1110.0 | 8/11/98  | 0000029433  | 8/22/98  |
| SC-05809-S    | BENZO(A)PYRENE       | 54.00  |     | 9.10  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11894008   |          | QT1460.0 | 8/25/98  | 0000024068  | 8/22/98  |
| SC-05809-S-EB | BENZO(A)PYRENE       | ND     |     | 0.230 | UG/L  | N/A   | N/A | *   |      | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077005  | U        | WS1110.0 | 9/12/98  | 0000029462  | 8/22/98  |
| SC-05809-S-FR | BENZO(A)PYRENE       | 88.00  |     | 9.10  | UG/KG | 47.9% | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 118960088  |          | QT1460.0 | 8/25/98  | 0000029454  | 8/22/98  |
| SC-05809-S-MD | BENZO(A)PYRENE       | 320.00 |     | 9.100 | UG/KG | 0.5%  | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11896008MD |          | QT1460.0 | 8/25/98  | 0000029456  | 8/22/98  |
| SC-05809-S-MS | BENZO(A)PYRENE       | 300.00 |     | 9.10  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11896008MS |          | QT1460.0 | 8/25/98  | 0000029466  | 8/22/98  |
| SC-05809-S-SD | BENZO(A)PYRENE       | 102.00 |     | 18.18 | UG/KG | 81.5% | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077006  |          | WS1110.0 | 9/11/98  | 0000029467  | 8/22/98  |
| SC-05902-S    | BENZO(A)PYRENE       | ND     |     | 9.60  | UG/KG | N/A   | N/A | U   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001   | U        | QT1463.0 | 8/27/98  | 0000024098  | 8/23/98  |
| SC-05902-S-EB | BENZO(A)PYRENE       | ND     |     | 0.51  | UG/L  | N/A   | N/A | *   |      | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077007  | U        | WS1110.0 | 9/12/98  | 0000029459  | 8/23/98  |
| SC-05902-S-FR | BENZO(A)PYRENE       | 12.00  |     | 9.60  | UG/KG | NOTE1 | N/A | A   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914002   |          | QT1463.0 | 8/27/98  | 0000029462  | 8/23/98  |
| SC-05902-S-MD | BENZO(A)PYRENE       | 280.00 |     | 9.60  | UG/KG | 17.5% | N/A | J   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001MD |          | QT1463.0 | 8/27/98  | 0000029463  | 8/23/98  |
| SC-05902-S-MS | BENZO(A)PYRENE       | 310.00 |     | 9.60  | UG/KG | N/A   | N/A | J   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001MS |          | QT1463.0 | 8/27/98  | 0000029464  | 8/23/98  |
| SC-05902-S-SD | BENZO(A)PYRENE       | ND     |     | 19.00 | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077008  | U        | WS1110.0 | 9/12/98  | 0000029460  | 8/23/98  |
| SC-05912-S    | BENZO(A)PYRENE       | 2.01   |     | 9.30  | UG/KG | N/A   | N/A | UNJ |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914014   | U        | QT1463.0 | 8/27/98  | 00000294100 | 8/23/98  |
| SC-05912-S-EB | BENZO(A)PYRENE       | ND     |     | 0.46  | UG/L  | N/A   | N/A | *   |      | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077009  | U        | WS1110.0 | 9/12/98  | 0000029462  | 8/23/98  |
| SC-05912-S-FR | BENZO(A)PYRENE       | 1.45   |     | 9.40  | UG/KG | 32.4% | N/A | UNJ |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914018   | U        | QT1463.0 | 8/28/98  | 0000029467  | 8/23/98  |
| SC-05912-S-MD | BENZO(A)PYRENE       | 260    |     | 9.300 | UG/KG | 0.0%  | N/A | A   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914014MD |          | QT1463.0 | 8/28/98  | 0000029468  | 8/23/98  |
| SC-05912-S-MS | BENZO(A)PYRENE       | 250.00 |     | 9.30  | UG/KG | N/A   | N/A | A   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914014MS |          | QT1463.0 | 8/28/98  | 0000029469  | 8/23/98  |
| SC-05912-S-SD | BENZO(A)PYRENE       | ND     |     | 17.60 | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077010  | U        | WS1110.0 | 9/12/98  | 0000029470  | 8/23/98  |
| SC-06512-S    | BENZO(A)PYRENE       | ND     |     | 9.10  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11956004   | U        | QT1467.0 | 8/30/98  | 0000024441  | 8/28/98  |
| SC-06512-S-FR | BENZO(A)PYRENE       | ND     |     | 9.10  | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11956005   | U        | QT1467.0 | 8/30/98  | 0000029610  | 8/28/98  |
| SC-06512-S-MD | BENZO(A)PYRENE       | 300.00 |     | 9.10  | UG/KG | 0.0%  | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11956004MD |          | QT1467.0 | 8/30/98  | 0000029617  | 8/28/98  |
| SC-06512-S-MS | BENZO(A)PYRENE       | 300.00 |     | 9.100 | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11956004MS |          | QT1467.0 | 8/30/98  | 0000029618  | 8/28/98  |
| SC-06512-S-SD | BENZO(A)PYRENE       | ND     |     | 18.10 | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077012  | U        | WS1110.0 | 9/12/98  | 0000029614  | 8/28/98  |
| SC-06418-S    | BENZO(B)FLUORANTHENE | ND     |     | 7.30  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12198017   | U        | QT1493.0 | 8/20/98  | 0000023730  | 8/18/98  |
| SC-06418-S-EB | BENZO(B)FLUORANTHENE | ND     |     | 0.180 | UG/L  | N/A   | N/A | *   |      | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L295003  | U        | WS1120.0 | 8/24/98  | 0000030185  | 8/18/98  |
| SC-06418-S-FR | BENZO(B)FLUORANTHENE | ND     |     | 7.60  | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12198018   | U        | QT1493.0 | 8/20/98  | 0000030189  | 8/18/98  |
| SC-06418-S-MD | BENZO(B)FLUORANTHENE | 310    |     | 7.300 | UG/KG | 3.2%  | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12198017MD |          | QT1493.0 | 8/20/98  | 0000030163  | 8/18/98  |
| SC-06418-S-MS | BENZO(B)FLUORANTHENE | 320.00 |     | 7.30  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12198017MS |          | QT1493.0 | 8/20/98  | 0000030162  | 8/18/98  |
| SC-06418-S-SD | BENZO(B)FLUORANTHENE | ND     |     | 14.80 | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L295004  | U        | WS1120.0 | 8/24/98  | 0000030168  | 8/18/98  |
| SC-06502-S    | BENZO(B)FLUORANTHENE | ND     |     | 6.80  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001   | U        | QT1459.0 | 8/24/98  | 0000023744  | 8/22/98  |
| SC-06502-S-EB | BENZO(B)FLUORANTHENE | ND     |     | 0.38  | UG/L  | N/A   | N/A | *   |      | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077001  | U        | WS1110.0 | 8/12/98  | 0000029423  | 8/22/98  |
| SC-06502-S-FR | BENZO(B)FLUORANTHENE | ND     |     | 7.10  | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893002   | U        | QT1459.0 | 8/24/98  | 0000029424  | 8/22/98  |
| SC-06502-S-MD | BENZO(B)FLUORANTHENE | 270.00 |     | 6.900 | UG/KG | 11.8% | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001MD |          | QT1459.0 | 8/24/98  | 0000029425  | 8/22/98  |
| SC-06502-S-MS | BENZO(B)FLUORANTHENE | 240.00 |     | 6.80  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001MS |          | QT1459.0 | 8/24/98  | 0000029426  | 8/22/98  |
| SC-06502-S-SD | BENZO(B)FLUORANTHENE | ND     |     | 14.70 | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077002  | U        | WS1110.0 | 9/11/98  | 0000029427  | 8/22/98  |
| SC-05517-S    | BENZO(B)FLUORANTHENE | 18.00  |     | 6.50  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012   |          | QT1459.0 | 8/24/98  | 0000023758  | 8/22/98  |
| SC-05517-S-EB | BENZO(B)FLUORANTHENE | ND     |     | 0.360 | UG/L  | N/A   | N/A | *   |      | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077003  | U        | WS1110.0 | 9/12/98  | 0000029429  | 8/22/98  |
| SC-05517-S-FR | BENZO(B)FLUORANTHENE | 24     |     | 6.800 | UG/KG | 28.6% | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893013   |          | QT1459.0 | 8/24/98  | 0000029430  | 8/22/98  |
| SC-05517-S-MD | BENZO(B)FLUORANTHENE | 200.00 |     | 6.60  | UG/KG | 18.2% | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012MD |          | QT1459.0 | 8/24/98  | 0000029431  | 8/22/98  |
| SC-05517-S-MS | BENZO(B)FLUORANTHENE | 240.00 |     | 6.501 | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012MS |          | QT1459.0 | 8/24/98  | 0000029432  | 8/22/98  |
| SC-05517-S-SD | BENZO(B)FLUORANTHENE | ND     |     | 13.40 | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077004  | U        | WS1110.0 | 9/11/98  | 0000029433  | 8/22/98  |
| SC-05809-S    | BENZO(B)FLUORANTHENE | 63.00  |     | 7.10  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11898008   |          | QT1460.0 | 8/25/98  | 0000024068  | 8/22/98  |
| SC-05809-S-EB | BENZO(B)FLUORANTHENE | ND     |     | 0.180 | UG/L  | N/A   | N/A | *   |      | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077005  | U        | WS1110.0 | 9/12/98  | 0000029452  | 8/22/98  |
| SC-05809-S-FR | BENZO(B)FLUORANTHENE | 97.00  |     | 7.100 | UG/KG | 42.5% | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 118960009  |          | QT1460.0 | 8/25/98  | 0000029454  | 8/22/98  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER            | CONC   | ERR | DL    | UNITS | RPD   | DER | VAL | METHOD   | MATRIX        | CATEGORY       | DIL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|----------------------|--------|-----|-------|-------|-------|-----|-----|----------|---------------|----------------|-----|------------|----------|----------|----------|------------|----------|
| SC-05800-S-MD | BENZO(B)FLUORANTHENE | 300.00 |     | 7.10  | UG/KG | 12.5% | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11898008MD |          | QT1460.0 | 8/25/98  | 0000029458 | 8/22/98  |
| SC-05800-S-MS | BENZO(B)FLUORANTHENE | 340.00 |     | 7.100 | UG/KG | N/A   | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11898008MS |          | QT1460.0 | 8/25/98  | 0000029456 | 8/22/98  |
| SC-05800-S-SD | BENZO(B)FLUORANTHENE | 70.70  |     | 12.90 | UG/KG | 11.5% | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077006  |          | WS1110.0 | 9/11/96  | 0000029457 | 8/22/98  |
| SC-05902-S    | BENZO(B)FLUORANTHENE | ND     |     | 7.50  | UG/KG | N/A   | N/A | U   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001   | U        | QT1483.0 | 8/27/96  | 0000024086 | 8/23/96  |
| SC-05902-S-EB | BENZO(B)FLUORANTHENE | ND     |     | 0.40  | UG/L  | N/A   | N/A | *   | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077007  | U        | WS1110.0 | 9/12/96  | 0000029459 | 8/23/96  |
| SC-05902-S-FR | BENZO(B)FLUORANTHENE | ND     |     | 7.60  | UG/KG | NOTE1 | N/A | U   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914002   | U        | QT1463.0 | 8/27/96  | 0000029458 | 8/23/96  |
| SC-05902-S-MD | BENZO(B)FLUORANTHENE | 310.00 |     | 7.500 | UG/KG | 12.1% | N/A | J   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001MD |          | QT1463.0 | 8/27/96  | 0000029483 | 8/23/96  |
| SC-05902-S-MS | BENZO(B)FLUORANTHENE | 360.00 |     | 7.50  | UG/KG | N/A   | N/A | J   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001MS |          | QT1463.0 | 8/27/96  | 0000029484 | 8/23/96  |
| SC-05902-S-SD | BENZO(B)FLUORANTHENE | ND     |     | 15.20 | UG/KG | NOTE1 | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077006  | U        | WS1110.0 | 9/12/96  | 0000029480 | 8/23/96  |
| SC-05912-S    | BENZO(B)FLUORANTHENE | ND     |     | 6.50  | UG/KG | N/A   | N/A | U   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914014   | U        | QT1463.0 | 8/27/96  | 0000024100 | 8/23/96  |
| SC-05912-S-EB | BENZO(B)FLUORANTHENE | ND     |     | 0.36  | UG/L  | N/A   | N/A | *   | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077006  | U        | WS1110.0 | 9/12/96  | 0000029466 | 8/23/96  |
| SC-05912-S-FR | BENZO(B)FLUORANTHENE | 2      |     | 6.600 | UG/KG | NOTE1 | N/A | U   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914015   | U        | QT1463.0 | 8/28/96  | 0000029487 | 8/23/96  |
| SC-05912-S-MD | BENZO(B)FLUORANTHENE | 290.00 |     | 6.50  | UG/KG | 0.0%  | N/A | A   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11814014MD |          | QT1463.0 | 8/28/96  | 0000029486 | 8/23/96  |
| SC-05912-S-MS | BENZO(B)FLUORANTHENE | 290.00 |     | 6.50  | UG/KG | N/A   | N/A | A   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914014MS |          | QT1463.0 | 8/28/96  | 0000029489 | 8/23/96  |
| SC-05912-S-SD | BENZO(B)FLUORANTHENE | ND     |     | 14.10 | UG/KG | NOTE1 | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077010  | U        | WS1110.0 | 8/12/96  | 0000029470 | 8/23/96  |
| SC-06512-S    | BENZO(B)FLUORANTHENE | ND     |     | 7.10  | UG/KG | N/A   | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11958004   | U        | QT1487.0 | 8/30/96  | 0000024441 | 8/28/96  |
| SC-06512-S-FR | BENZO(B)FLUORANTHENE | ND     |     | 7.100 | UG/KG | NOTE1 | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11958005   | U        | QT1487.0 | 8/30/96  | 0000029616 | 8/28/96  |
| SC-06512-S-MD | BENZO(B)FLUORANTHENE | 330.00 |     | 7.10  | UG/KG | 3.1%  | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11958004MD |          | QT1487.0 | 8/30/96  | 0000029617 | 8/28/96  |
| SC-06512-S-MS | BENZO(B)FLUORANTHENE | 320.00 |     | 7.10  | UG/KG | N/A   | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11958004MS |          | QT1487.0 | 8/30/96  | 0000029618 | 8/28/96  |
| SC-06512-S-SD | BENZO(B)FLUORANTHENE | ND     |     | 14.50 | UG/KG | NOTE1 | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077012  | U        | WS1110.0 | 8/12/96  | 0000029614 | 8/28/96  |
| SC-05418-S    | BENZO(K)FLUORANTHENE | ND     |     | 6.90  | UG/KG | N/A   | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199017   | U        | QT1493.0 | 9/20/96  | 0000033730 | 9/18/96  |
| SC-05418-S-EB | BENZO(K)FLUORANTHENE | ND     |     | 0.170 | UG/L  | N/A   | N/A | *   | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L295003  | U        | WS1120.0 | 8/24/96  | 0000030165 | 9/18/96  |
| SC-05418-S-FR | BENZO(K)FLUORANTHENE | ND     |     | 7.10  | UG/KG | NOTE1 | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199018   | U        | QT1493.0 | 9/20/96  | 0000030166 | 9/18/96  |
| SC-05418-S-MD | BENZO(K)FLUORANTHENE | 290.00 |     | 6.90  | UG/KG | 3.4%  | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199017MD |          | QT1493.0 | 9/20/96  | 0000030163 | 9/18/96  |
| SC-05418-S-MS | BENZO(K)FLUORANTHENE | 300.00 |     | 6.90  | UG/KG | N/A   | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199017MS |          | QT1493.0 | 9/20/96  | 0000030162 | 9/18/96  |
| SC-05418-S-SD | BENZO(K)FLUORANTHENE | ND     |     | 13.50 | UG/KG | NOTE1 | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L295004  | U        | WS1120.0 | 9/24/96  | 0000030182 | 9/18/96  |
| SC-05502-S    | BENZO(K)FLUORANTHENE | ND     |     | 6.40  | UG/KG | N/A   | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001   | U        | QT1459.0 | 8/24/96  | 0000023744 | 8/22/96  |
| SC-05502-S-EB | BENZO(K)FLUORANTHENE | ND     |     | 0.34  | UG/L  | N/A   | N/A | *   | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077001  | U        | WS1110.0 | 9/12/96  | 0000028423 | 8/22/96  |
| SC-05502-S-FR | BENZO(K)FLUORANTHENE | ND     |     | 6.70  | UG/KG | NOTE1 | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893002   | U        | QT1459.0 | 8/24/96  | 0000028424 | 8/22/96  |
| SC-05502-S-MD | BENZO(K)FLUORANTHENE | 270.00 |     | 6.500 | UG/KG | 16.0% | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001MD |          | QT1459.0 | 8/24/96  | 0000028425 | 8/22/96  |
| SC-05502-S-MS | BENZO(K)FLUORANTHENE | 230.00 |     | 6.40  | UG/KG | N/A   | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001MS |          | QT1459.0 | 8/24/96  | 0000028426 | 8/22/96  |
| SC-05502-S-SD | BENZO(K)FLUORANTHENE | ND     |     | 13.50 | UG/KG | NOTE1 | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077002  | U        | WS1110.0 | 9/11/96  | 0000028427 | 8/22/96  |
| SC-05517-S    | BENZO(K)FLUORANTHENE | ND     |     | 6.20  | UG/KG | N/A   | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012   | U        | QT1459.0 | 8/24/96  | 0000023758 | 8/22/96  |
| SC-05517-S-EB | BENZO(K)FLUORANTHENE | ND     |     | 0.340 | UG/L  | N/A   | N/A | *   | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077003  | U        | WS1110.0 | 9/12/96  | 0000029429 | 8/22/96  |
| SC-05517-S-FR | BENZO(K)FLUORANTHENE | ND     |     | 6.200 | UG/KG | NOTE1 | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893013   | U        | QT1459.0 | 8/24/96  | 0000028430 | 8/22/96  |
| SC-05517-S-MD | BENZO(K)FLUORANTHENE | 190.00 |     | 6.20  | UG/KG | 14.8% | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012MD |          | QT1459.0 | 8/24/96  | 0000029431 | 8/22/96  |
| SC-05517-S-MS | BENZO(K)FLUORANTHENE | 220.00 |     | 6.200 | UG/KG | N/A   | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012MS |          | QT1459.0 | 8/24/96  | 0000029432 | 8/22/96  |
| SC-05517-S-SD | BENZO(K)FLUORANTHENE | 14.50  |     | 12.30 | UG/KG | NOTE1 | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077004  | U        | WS1110.0 | 9/11/96  | 0000029433 | 8/22/96  |
| SC-05809-S    | BENZO(K)FLUORANTHENE | 18.00  |     | 6.80  | UG/KG | N/A   | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11896006   |          | QT1480.0 | 8/25/96  | 0000024068 | 8/22/96  |
| SC-05809-S-EB | BENZO(K)FLUORANTHENE | ND     |     | 0.170 | UG/L  | N/A   | N/A | *   | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077005  | U        | WS1110.0 | 9/12/96  | 0000029452 | 8/22/96  |
| SC-05809-S-FR | BENZO(K)FLUORANTHENE | 28.00  |     | 6.70  | UG/KG | 41.7% | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11896008   |          | QT1480.0 | 8/25/96  | 0000029454 | 8/22/96  |
| SC-05809-S-MD | BENZO(K)FLUORANTHENE | 250.00 |     | 6.80  | UG/KG | 7.7%  | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11896008MD |          | QT1480.0 | 8/25/96  | 0000029456 | 8/22/96  |
| SC-05809-S-MS | BENZO(K)FLUORANTHENE | 270.00 |     | 6.80  | UG/KG | N/A   | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11896008MS |          | QT1480.0 | 8/25/96  | 0000029458 | 8/22/96  |
| SC-05809-S-SD | BENZO(K)FLUORANTHENE | 55.70  |     | 11.80 | UG/KG | 96.3% | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077006  |          | WS1110.0 | 9/11/96  | 0000029457 | 8/22/96  |
| SC-05902-S    | BENZO(K)FLUORANTHENE | ND     |     | 7.10  | UG/KG | N/A   | N/A | U   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001   | U        | QT1483.0 | 8/27/96  | 0000024086 | 8/23/96  |
| SC-05902-S-EB | BENZO(K)FLUORANTHENE | ND     |     | 0.38  | UG/L  | N/A   | N/A | *   | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077007  | U        | WS1110.0 | 8/12/96  | 0000029459 | 8/23/96  |
| SC-05902-S-FR | BENZO(K)FLUORANTHENE | ND     |     | 7.10  | UG/KG | NOTE1 | N/A | U   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914002   | U        | QT1483.0 | 8/27/96  | 0000029462 | 8/23/96  |
| SC-05902-S-MD | BENZO(K)FLUORANTHENE | 290.00 |     | 7.10  | UG/KG | 12.9% | N/A | J   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001MD |          | QT1463.0 | 8/27/96  | 0000029483 | 8/23/96  |
| SC-05902-S-MS | BENZO(K)FLUORANTHENE | 330.00 |     | 7.10  | UG/KG | N/A   | N/A | J   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001MS |          | QT1483.0 | 8/27/96  | 0000029484 | 8/23/96  |
| SC-05902-S-SD | BENZO(K)FLUORANTHENE | ND     |     | 13.90 | UG/KG | NOTE1 | N/A | *   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077006  | U        | WS1110.0 | 9/12/96  | 0000029480 | 8/23/96  |
| SC-05912-S    | BENZO(K)FLUORANTHENE | ND     |     | 6.10  | UG/KG | N/A   | N/A | U   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914014   | U        | QT1463.0 | 8/27/96  | 0000024100 | 8/23/96  |
| SC-05912-S-EB | BENZO(K)FLUORANTHENE | ND     |     | 0.34  | UG/L  | N/A   | N/A | *   | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077009  | U        | WS1110.0 | 8/12/96  | 0000029466 | 8/23/96  |
| SC-05912-S-FR | BENZO(K)FLUORANTHENE | ND     |     | 6.20  | UG/KG | NOTE1 | N/A | U   | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914015   | U        | QT1483.0 | 8/28/96  | 0000029467 | 8/23/96  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER            | CONC   | ERR | DL    | UNITS | RPD   | DER | VAL | QUAL | METHOD    | MATRIX        | CATEGORY       | DIL | LAB ID     | LAB QUAL | LAB RECU | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|----------------------|--------|-----|-------|-------|-------|-----|-----|------|-----------|---------------|----------------|-----|------------|----------|----------|----------|------------|----------|
| SC-05912-S-MD | BENZO(K)FLUORANTHENE | 270.00 |     | 6.10  | UG/KG | 0.0%  | N/A | A   | *    | EPA 8310  | SOIL          | SEMI-VOLATILES | 1   | 11914014MD |          | QT1483.0 | 8/28/98  | 0000029488 | 8/23/98  |
| SC-05912-S-M6 | BENZO(K)FLUORANTHENE | 270.00 |     | 6.10  | UG/KG | N/A   | N/A | A   | *    | EPA 8310  | SOIL          | SEMI-VOLATILES | 1   | 11914014MB |          | QT1483.0 | 8/28/98  | 0000029489 | 8/23/98  |
| SC-05912-S-SD | BENZO(K)FLUORANTHENE | ND     |     | 12.90 | UG/KG | NOTE1 | N/A | *   | *    | EPA 8310  | SOIL          | SEMI-VOLATILES | 1   | 09L077010  | U        | WS1110.0 | 9/12/98  | 0000029470 | 8/23/98  |
| SC-05912-S    | BENZO(K)FLUORANTHENE | ND     |     | 6.70  | UG/KG | N/A   | N/A | *   | *    | EPA 8310  | SOIL          | SEMI-VOLATILES | 1   | 11958004   | U        | QT1487.0 | 8/30/98  | 0000024441 | 8/26/98  |
| SC-05912-S-FR | BENZO(K)FLUORANTHENE | ND     |     | 6.700 | UG/KG | NOTE1 | N/A | *   | *    | EPA 8310  | SOIL          | SEMI-VOLATILES | 1   | 11958006   | U        | QT1487.0 | 8/30/98  | 0000028818 | 8/26/98  |
| SC-05912-S-MD | BENZO(K)FLUORANTHENE | 310.00 |     | 6.700 | UG/KG | 3.3%  | N/A | *   | *    | EPA 8310  | SOIL          | SEMI-VOLATILES | 1   | 11958004MD |          | QT1487.0 | 8/30/98  | 0000028817 | 8/26/98  |
| SC-05912-S-M6 | BENZO(K)FLUORANTHENE | 300.00 |     | 6.70  | UG/KG | N/A   | N/A | *   | *    | EPA 8310  | SOIL          | SEMI-VOLATILES | 1   | 11958004MS |          | QT1487.0 | 8/30/98  | 0000028818 | 8/26/98  |
| SC-05912-S-SD | BENZO(K)FLUORANTHENE | ND     |     | 13.30 | UG/KG | NOTE1 | N/A | *   | *    | EPA 8310  | SOIL          | SEMI-VOLATILES | 1   | 09L077012  | U        | WS1110.0 | 9/12/98  | 0000028814 | 8/26/98  |
| SC-05214-S    | CHROMIUM             | 13.80  |     | 0.85  | UG/G  | N/A   | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12199006   |          | QT1493.0 | 9/20/98  | 0000023688 | 9/18/98  |
| SC-05214-S-DU | CHROMIUM             | 14.10  |     | 0.55  | UG/G  | 2.2%  | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12199006DU |          | QT1493.0 | 9/20/98  | 0000030155 | 9/18/98  |
| SC-05214-S-EB | CHROMIUM             | 6.30   |     | 5.20  | UG/L  | N/A   | N/A | *   | *    | EPA CLP   | SURFACE WATER | METALS         | 1   | 09L295001  | B        | WS1120.0 | 9/24/98  | 0000030158 | 9/18/98  |
| SC-05214-S-FR | CHROMIUM             | 11.10  |     | 0.55  | UG/G  | 21.7% | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12199008   |          | QT1493.0 | 9/20/98  | 0000030157 | 9/18/98  |
| SC-05214-S-M6 | CHROMIUM             | 61.20  |     | 0.55  | UG/G  | N/A   | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12199006MS |          | QT1493.0 | 9/20/98  | 0000030158 | 9/18/98  |
| SC-05214-S-SD | CHROMIUM             | 5.90   |     | 1.20  | UG/G  | 43.2% | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 09L295002  |          | WS1120.0 | 9/24/98  | 0000030158 | 9/18/98  |
| SC-05418-S    | CHROMIUM             | 11.80  |     | 0.58  | UG/G  | N/A   | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12199017   |          | QT1493.0 | 9/20/98  | 0000023730 | 9/18/98  |
| SC-05418-S-DU | CHROMIUM             | 11     |     | 0.500 | UG/G  | 2.6%  | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12199017DU |          | QT1493.0 | 9/20/98  | 0000030164 | 9/18/98  |
| SC-05418-S-EB | CHROMIUM             | ND     |     | 5.20  | UG/L  | N/A   | N/A | *   | *    | EPA CLP   | SURFACE WATER | METALS         | 1   | 09L295003  | U        | WS1120.0 | 9/24/98  | 0000030165 | 9/18/98  |
| SC-05418-S-FR | CHROMIUM             | 5.40   |     | 0.58  | UG/G  | 32.0% | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12199018   |          | QT1493.0 | 9/20/98  | 0000030169 | 9/18/98  |
| SC-05418-S-M6 | CHROMIUM             | 56.10  |     | 0.58  | UG/G  | N/A   | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12199017MS |          | QT1493.0 | 9/20/98  | 0000030162 | 9/18/98  |
| SC-05418-S-SD | CHROMIUM             | 6.30   |     | 1.20  | UG/G  | 59.2% | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 09L295004  |          | WS1120.0 | 9/24/98  | 0000030168 | 9/18/98  |
| SC-05704-S    | CHROMIUM             | 14.70  |     | 0.52  | UG/G  | N/A   | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 11882001   |          | QT1495.0 | 8/23/98  | 0000023795 | 8/21/98  |
| SC-05704-S-DU | CHROMIUM             | 15.20  |     | 0.52  | UG/G  | 21.3% | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 11882001DU |          | QT1495.0 | 8/23/98  | 0000028448 | 8/21/98  |
| SC-05704-S-EB | CHROMIUM             | ND     |     | 5.20  | UG/L  | N/A   | N/A | U   | *    | EPA 8010A | SURFACE WATER | METALS         | 1   | 09L819001  | U        | WS1108.0 | 8/30/98  | 0000029451 | 8/21/98  |
| SC-05704-S-FR | CHROMIUM             | 19.00  |     | 0.54  | UG/G  | 25.5% | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 11882002   |          | QT1495.0 | 8/23/98  | 0000029447 | 8/21/98  |
| SC-05704-S-M6 | CHROMIUM             | 57.40  |     | 0.520 | UG/G  | N/A   | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 11882001MS |          | QT1495.0 | 8/23/98  | 0000029446 | 8/21/98  |
| SC-05704-S-SD | CHROMIUM             | 17.80  |     | 1.20  | UG/G  | 16.0% | N/A | A   | *    | EPA 8010A | SOIL          | METALS         | 1   | 09L818002  |          | WS1108.0 | 8/27/98  | 0000029450 | 8/21/98  |
| SC-05902-S    | CHROMIUM             | 16.10  |     | 0.58  | UG/G  | N/A   | N/A | A   | *    | EPA CLP   | SOIL          | METALS         | 1   | 11914001   |          | QT1483.0 | 8/27/98  | 0000024086 | 8/23/98  |
| SC-05902-S-DU | CHROMIUM             | 16     |     | 0.580 | UG/G  | 0.8%  | N/A | A   | *    | EPA CLP   | SOIL          | METALS         | 1   | 11914001DU |          | QT1483.0 | 8/27/98  | 0000029481 | 8/23/98  |
| SC-05902-S-EB | CHROMIUM             | ND     |     | 9.100 | UG/L  | N/A   | N/A | *   | *    | EPA CLP   | SURFACE WATER | METALS         | 1   | 09L077007  | U        | WS1110.0 | 9/11/98  | 0000029459 | 8/23/98  |
| SC-05902-S-FR | CHROMIUM             | 15.30  |     | 0.58  | UG/G  | 12.8% | N/A | A   | *    | EPA CLP   | SOIL          | METALS         | 1   | 11914002   |          | QT1483.0 | 8/27/98  | 0000029482 | 8/23/98  |
| SC-05902-S-M6 | CHROMIUM             | 65.40  |     | 0.58  | UG/G  | N/A   | N/A | A   | *    | EPA CLP   | SOIL          | METALS         | 1   | 11914001MS |          | QT1483.0 | 8/27/98  | 0000029484 | 8/23/98  |
| SC-05902-S-SD | CHROMIUM             | 28.80  |     | 2.50  | UG/G  | 56.8% | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 09L077008  |          | WS1110.0 | 9/11/98  | 0000029480 | 8/23/98  |
| SC-05912-S    | CHROMIUM             | 13.30  |     | 0.50  | UG/G  | N/A   | N/A | A   | *    | EPA CLP   | SOIL          | METALS         | 1   | 11914014   |          | QT1483.0 | 8/27/98  | 0000024100 | 8/23/98  |
| SC-05912-S-DU | CHROMIUM             | 13     |     | 0.500 | UG/G  | 3.8%  | N/A | A   | *    | EPA CLP   | SOIL          | METALS         | 1   | 11914014DU |          | QT1483.0 | 8/27/98  | 0000029485 | 8/23/98  |
| SC-05912-S-EB | CHROMIUM             | ND     |     | 9.100 | UG/L  | N/A   | N/A | *   | *    | EPA CLP   | SURFACE WATER | METALS         | 1   | 09L077009  | U        | WS1110.0 | 9/11/98  | 0000029485 | 8/23/98  |
| SC-05912-S-FR | CHROMIUM             | 15.30  |     | 0.510 | UG/G  | 14.0% | N/A | A   | *    | EPA CLP   | SOIL          | METALS         | 1   | 11914015   |          | QT1483.0 | 8/27/98  | 0000029487 | 8/23/98  |
| SC-05912-S-M6 | CHROMIUM             | 55.00  |     | 0.50  | UG/G  | N/A   | N/A | A   | *    | EPA CLP   | SOIL          | METALS         | 1   | 11914014MS |          | QT1483.0 | 8/27/98  | 0000029489 | 8/23/98  |
| SC-05912-S-SD | CHROMIUM             | 27.80  |     | 2.30  | UG/G  | 70.8% | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 09L077010  |          | WS1110.0 | 9/11/98  | 0000029479 | 8/23/98  |
| SC-06001-S    | CHROMIUM             | 16.40  |     | 0.39  | UG/G  | N/A   | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12320001   |          | QT1503.0 | 10/1/98  | 0000024109 | 9/30/98  |
| SC-06001-S-DU | CHROMIUM             | 15.30  |     | 0.39  | UG/G  | 6.8%  | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12320001DU |          | QT1503.0 | 10/1/98  | 0000028575 | 9/30/98  |
| SC-06001-S-EB | CHROMIUM             | 1.20   |     | 1.000 | UG/L  | N/A   | N/A | *   | *    | EPA CLP   | WATER         | METALS         | 1   | 9810586-01 | B        | GE2002.0 | 10/9/98  | 0000030490 | 9/30/98  |
| SC-06001-S-FR | CHROMIUM             | 15.10  |     | 0.37  | UG/G  | 8.3%  | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12320002   |          | QT1503.0 | 10/1/98  | 0000028573 | 9/30/98  |
| SC-06001-S-M6 | CHROMIUM             | 73.00  |     | 0.390 | UG/G  | N/A   | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12320001MS |          | QT1503.0 | 10/1/98  | 0000028572 | 9/30/98  |
| SC-06001-S-SD | CHROMIUM             | 25.00  |     | 0.25  | UG/G  | 41.5% | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 9810586-02 |          | GE2002.0 | 10/10/98 | 0000030458 | 9/30/98  |
| SC-06101-S    | CHROMIUM             | 14.40  |     | 0.52  | UG/G  | N/A   | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12219001   |          | QT1495.0 | 9/20/98  | 0000024130 | 9/18/98  |
| SC-06101-S-DU | CHROMIUM             | 16     |     | 0.520 | UG/G  | 12.4% | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12219001DU |          | QT1495.0 | 9/20/98  | 0000028582 | 9/18/98  |
| SC-06101-S-EB | CHROMIUM             | 7.00   |     | 5.20  | UG/L  | N/A   | N/A | *   | *    | EPA CLP   | SURFACE WATER | METALS         | 1   | 09L295005  | B        | WS1120.0 | 9/24/98  | 0000029577 | 9/18/98  |
| SC-06101-S-FR | CHROMIUM             | 11.50  |     | 0.54  | UG/G  | 22.4% | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12219002   |          | QT1495.0 | 9/20/98  | 0000029581 | 9/18/98  |
| SC-06101-S-M6 | CHROMIUM             | 55.70  |     | 0.520 | UG/G  | N/A   | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12219001MS |          | QT1495.0 | 9/20/98  | 0000029579 | 9/18/98  |
| SC-06101-S-SD | CHROMIUM             | 10.80  |     | 1.20  | UG/G  | 30.4% | N/A | *   | *    | EPA CLP   | SOIL          | METALS         | 1   | 09L295006  |          | WS1120.0 | 9/24/98  | 0000029578 | 9/18/98  |
| SC-06203-S    | CHROMIUM             | 16.50  |     | 0.35  | UG/G  | N/A   | N/A | A   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12434001   |          | QT2011.0 | 10/9/98  | 0000024151 | 10/8/98  |
| SC-06203-S-DU | CHROMIUM             | 16.40  |     | 0.35  | UG/G  | 0.8%  | N/A | A   | *    | EPA CLP   | SOIL          | METALS         | 1   | 12434001DU |          | QT2011.0 | 10/9/98  | 0000028588 | 10/8/98  |
| SC-06203-S-EB | CHROMIUM             | 1.70   |     | 1.00  | UG/L  | N/A   | N/A | *   | *    | 8010A     | SURFACE WATER | METALS         | 1   | 9810283-01 | B        | GE2011.0 | 10/16/98 | 0000029583 | 10/8/98  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER | CONC  | ERR | DL    | UNITS | RPD   | DER | VAL QUAL | METHOD    | MATRIX        | CATEGORY | DIL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK | DATE SAM   |         |
|---------------|-----------|-------|-----|-------|-------|-------|-----|----------|-----------|---------------|----------|-----|------------|----------|----------|----------|----------|------------|---------|
| SC-06203-S-FR | CHROMIUM  | 16.00 |     | 0.34  | UG/G  | 3.1%  | N/A | A        | EPA CLP   | SOIL          | METALS   | 1   | 12434002   |          |          | QT2011.0 | 10/9/96  | 0000029587 | 10/9/96 |
| SC-06203-S-MS | CHROMIUM  | 63.50 |     | 0.35  | UG/G  | N/A   | N/A | A        | EPA CLP   | SOIL          | METALS   | 1   | 12434001MS |          |          | QT2011.0 | 10/9/96  | 0000029586 | 10/9/96 |
| SC-06203-S-SD | CHROMIUM  | 22.90 |     | 0.22  | UG/G  | 32.5% | N/A | *        | 6010A     | SOIL          | METALS   | 1   | 9610283-02 | E        |          | GE2011.0 | 10/16/95 | 0000029584 | 10/9/96 |
| SC-06218-S    | CHROMIUM  | 22.80 |     | 0.34  | UG/G  | N/A   | N/A | A        | EPA CLP   | SOIL          | METALS   | 1   | 12434013   |          |          | QT2011.0 | 10/9/96  | 0000024155 | 10/9/96 |
| SC-06218-S-DU | CHROMIUM  | 21.80 |     | 0.34  | UG/G  | 3.6%  | N/A | A        | EPA CLP   | SOIL          | METALS   | 1   | 12434013DU |          |          | QT2011.0 | 10/9/96  | 0000029593 | 10/9/96 |
| SC-06218-S-EB | CHROMIUM  | 2.80  |     | 1.00  | UG/L  | N/A   | N/A | *        | 8010A     | SURFACE WATER | METALS   | 1   | 9610283-03 | B        |          | GE2011.0 | 10/19/95 | 0000029589 | 10/9/96 |
| SC-06218-S-FR | CHROMIUM  | 20    |     | 0.330 | UG/G  | 12.2% | N/A | A        | EPA CLP   | SOIL          | METALS   | 1   | 12434014   |          |          | QT2011.0 | 10/9/96  | 0000029584 | 10/9/96 |
| SC-06218-S-MS | CHROMIUM  | 64.80 |     | 0.34  | UG/G  | N/A   | N/A | A        | EPA CLP   | SOIL          | METALS   | 1   | 12434013MS |          |          | QT2011.0 | 10/9/96  | 0000029582 | 10/9/96 |
| SC-06218-S-SD | CHROMIUM  | 22.20 |     | 0.22  | UG/G  | 1.8%  | N/A | *        | 6010A     | SOIL          | METALS   | 1   | 9610283-04 | E        |          | GE2011.0 | 10/18/95 | 0000029590 | 10/9/96 |
| SC-06317-S    | CHROMIUM  | 17.40 |     | 0.57  | UG/G  | N/A   | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 12219017   |          |          | QT1495.0 | 9/20/96  | 0000024155 | 9/19/96 |
| SC-06317-S-DU | CHROMIUM  | 17    |     | 0.570 | UG/G  | 0.0%  | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 12219017DU |          |          | QT1495.0 | 9/20/96  | 0000029597 | 9/20/96 |
| SC-06317-S-EB | CHROMIUM  | ND    |     | 5.200 | UG/L  | N/A   | N/A | *        | EPA CLP   | SURFACE WATER | METALS   | 1   | 09L295007  | U        |          | WS1120.0 | 9/24/96  | 0000029595 | 9/19/96 |
| SC-06317-S-FR | CHROMIUM  | 15.00 |     | 0.56  | UG/G  | 14.8% | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 12219018   |          |          | QT1495.0 | 9/20/96  | 0000029588 | 9/19/96 |
| SC-06317-S-MS | CHROMIUM  | 60.90 |     | 0.570 | UG/G  | N/A   | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 12219017MS |          |          | QT1495.0 | 9/20/96  | 0000029600 | 9/19/96 |
| SC-06317-S-SD | CHROMIUM  | 10.90 |     | 1.30  | UG/G  | 45.9% | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 09L295008  |          |          | WS1120.0 | 9/24/96  | 0000029586 | 9/19/96 |
| SC-06406-C    | CHROMIUM  | 19.70 |     | 0.51  | UG/G  | N/A   | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 12223010   |          |          | QT1496.0 | 9/21/96  | 0000024204 | 9/19/96 |
| SC-06406-C-DU | CHROMIUM  | 22.10 |     | 0.51  | UG/G  | 11.5% | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 12223010DU |          |          | QT1496.0 | 9/21/96  | 0000029603 | 9/19/96 |
| SC-06406-C-EB | CHROMIUM  | ND    |     | 5.200 | UG/L  | N/A   | N/A | *        | EPA CLP   | SURFACE WATER | METALS   | 1   | 09L295009  | U        |          | WS1120.0 | 9/24/96  | 0000029601 | 9/19/96 |
| SC-06406-C-FR | CHROMIUM  | 17.40 |     | 0.500 | UG/G  | 12.4% | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 12223011   |          |          | QT1496.0 | 9/21/96  | 0000029604 | 9/19/96 |
| SC-06406-C-MS | CHROMIUM  | 59.10 |     | 0.51  | UG/G  | N/A   | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 12223010MS |          |          | QT1496.0 | 9/21/96  | 0000029606 | 9/19/96 |
| SC-06406-C-SD | CHROMIUM  | 10.40 |     | 1.10  | UG/G  | 61.8% | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 09L295010  |          |          | WS1120.0 | 9/24/96  | 0000029602 | 9/19/96 |
| SC-06422-S    | CHROMIUM  | 19.80 |     | 0.56  | UG/G  | N/A   | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 12223031   |          |          | QT1496.0 | 9/21/96  | 0000024226 | 9/19/96 |
| SC-06422-S-DU | CHROMIUM  | 20.50 |     | 0.66  | UG/G  | 4.5%  | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 12223031DU |          |          | QT1496.0 | 9/21/96  | 0000029609 | 9/19/96 |
| SC-06422-S-EB | CHROMIUM  | ND    |     | 5.200 | UG/L  | N/A   | N/A | *        | EPA CLP   | SURFACE WATER | METALS   | 1   | 09L295011  | U        |          | WS1120.0 | 9/24/96  | 0000029607 | 9/19/96 |
| SC-06422-S-FR | CHROMIUM  | 19.30 |     | 0.560 | UG/G  | 1.5%  | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 12223032   |          |          | QT1496.0 | 9/21/96  | 0000029610 | 9/19/96 |
| SC-06422-S-MS | CHROMIUM  | 64.00 |     | 0.56  | UG/G  | N/A   | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 12223031MS |          |          | QT1496.0 | 9/21/96  | 0000029612 | 9/19/96 |
| SC-06422-S-SD | CHROMIUM  | 9.60  |     | 1.20  | UG/G  | 68.5% | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 09L295012  |          |          | WS1120.0 | 9/24/96  | 0000029605 | 9/19/96 |
| SC-06512-S    | CHROMIUM  | 12.40 |     | 0.55  | UG/G  | N/A   | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11958004   |          |          | QT1467.0 | 8/30/96  | 0000024441 | 8/28/96 |
| SC-06512-S-DU | CHROMIUM  | 13.20 |     | 0.55  | UG/G  | 6.2%  | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11958004DU |          |          | QT1467.0 | 8/30/96  | 0000029615 | 8/28/96 |
| SC-06512-S-EB | CHROMIUM  | ND    |     | 9.10  | UG/L  | N/A   | N/A | *        | EPA CLP   | SURFACE WATER | METALS   | 1   | 09L077011  | U        |          | WS1110.0 | 9/11/96  | 0000029613 | 8/28/96 |
| SC-06512-S-FR | CHROMIUM  | 12.30 |     | 0.65  | UG/G  | 0.8%  | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11958005   |          |          | QT1467.0 | 8/30/96  | 0000029616 | 8/28/96 |
| SC-06512-S-MS | CHROMIUM  | 59.50 |     | 0.550 | UG/G  | N/A   | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11958004MS |          |          | QT1467.0 | 8/30/96  | 0000029618 | 8/28/96 |
| SC-06512-S-SD | CHROMIUM  | 26.30 |     | 2.40  | UG/G  | 71.8% | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 09L077012  |          |          | WS1110.0 | 9/11/96  | 0000029614 | 8/28/96 |
| SC-06606-S    | CHROMIUM  | 16.90 |     | 0.51  | UG/G  | N/A   | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11684007   |          |          | QT1458.0 | 8/23/96  | 0000024461 | 8/21/96 |
| SC-06606-S-DU | CHROMIUM  | 14.90 |     | 0.51  | UG/G  | 12.6% | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11684007DU |          |          | QT1458.0 | 8/23/96  | 0000029471 | 8/21/96 |
| SC-06606-S-EB | CHROMIUM  | ND    |     | 5.20  | UG/L  | N/A   | N/A | U        | EPA 6010A | SURFACE WATER | METALS   | 1   | 08L819003  | U        |          | WS1106.0 | 8/30/96  | 0000029472 | 8/21/96 |
| SC-06606-S-FR | CHROMIUM  | 15.80 |     | 0.520 | UG/G  | 6.7%  | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11684008   |          |          | QT1458.0 | 8/23/96  | 0000029473 | 8/21/96 |
| SC-06606-S-MS | CHROMIUM  | 58.80 |     | 0.51  | UG/G  | N/A   | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11684007MS |          |          | QT1458.0 | 8/23/96  | 0000029475 | 8/21/96 |
| SC-06606-S-SD | CHROMIUM  | 12.60 |     | 1.20  | UG/G  | 27.8% | N/A | A        | EPA 6010A | SOIL          | METALS   | 1   | 08L819004  |          |          | WS1106.0 | 8/27/96  | 0000029476 | 8/21/96 |
| SC-06619-S    | CHROMIUM  | 16.00 |     | 0.57  | UG/G  | N/A   | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11684022   |          |          | QT1458.0 | 8/23/96  | 0000024476 | 8/21/96 |
| SC-06619-S-DU | CHROMIUM  | 16.70 |     | 0.57  | UG/G  | 4.3%  | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11684022DU |          |          | QT1458.0 | 8/23/96  | 0000029477 | 8/21/96 |
| SC-06619-S-EB | CHROMIUM  | ND    |     | 5.20  | UG/L  | N/A   | N/A | U        | EPA 6010A | SURFACE WATER | METALS   | 1   | 08L819005  | U        |          | WS1106.0 | 8/30/96  | 0000029478 | 8/21/96 |
| SC-06619-S-FR | CHROMIUM  | 20.30 |     | 0.55  | UG/G  | 23.7% | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11684023   |          |          | QT1458.0 | 8/23/96  | 0000029479 | 8/21/96 |
| SC-06619-S-MS | CHROMIUM  | 62.80 |     | 0.570 | UG/G  | N/A   | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11684022MS |          |          | QT1458.0 | 8/23/96  | 0000029481 | 8/21/96 |
| SC-06619-S-SD | CHROMIUM  | 15.00 |     | 1.20  | UG/G  | 6.5%  | N/A | A        | EPA 6010A | SOIL          | METALS   | 1   | 08L819006  |          |          | WS1106.0 | 8/27/96  | 0000029482 | 8/21/96 |
| SC-06713-S    | CHROMIUM  | 10.20 |     | 0.52  | UG/G  | N/A   | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11660012   |          |          | QT1454.0 | 8/21/96  | 0000024491 | 8/19/96 |
| SC-06713-S-DU | CHROMIUM  | 8.80  |     | 0.52  | UG/G  | 14.7% | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11660012DU |          |          | QT1454.0 | 8/21/96  | 0000029483 | 8/19/96 |
| SC-06713-S-EB | CHROMIUM  | ND    |     | 5.200 | UG/L  | N/A   | N/A | U        | EPA 6010A | SURFACE WATER | METALS   | 1   | 08L819007  | U        |          | WS1106.0 | 8/30/96  | 0000029484 | 8/19/96 |
| SC-06713-S-FR | CHROMIUM  | 13.60 |     | 0.52  | UG/G  | 30.0% | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11660013   |          |          | QT1454.0 | 8/21/96  | 0000029485 | 8/19/96 |
| SC-06713-S-MS | CHROMIUM  | 52.50 |     | 0.52  | UG/G  | N/A   | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11660012MS |          |          | QT1454.0 | 8/21/96  | 0000029487 | 8/19/96 |
| SC-06713-S-SD | CHROMIUM  | 12.50 |     | 1.10  | UG/G  | 20.3% | N/A | A        | EPA 6010A | SOIL          | METALS   | 1   | 08L819008  |          |          | WS1106.0 | 8/27/96  | 0000029488 | 8/19/96 |
| SC-06807-S    | CHROMIUM  | 18.00 |     | 0.52  | UG/G  | N/A   | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11907007   |          |          | QT1461.0 | 8/24/96  | 0000024506 | 8/23/96 |
| SC-06807-S-DU | CHROMIUM  | 18.30 |     | 0.52  | UG/G  | 1.7%  | N/A | *        | EPA CLP   | SOIL          | METALS   | 1   | 11907007DU |          |          | QT1461.0 | 8/24/96  | 0000029489 | 8/23/96 |

# APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER | CONC  | ERR | DL    | UNITS | RPO    | DER | VAL | METHOD    | MATRIX        | CATEGORY | DIL | LAB ID     | LAB QUAL | LAB REQD | DATE ANA | SAMPLE LINK | DATE SAM |
|---------------|-----------|-------|-----|-------|-------|--------|-----|-----|-----------|---------------|----------|-----|------------|----------|----------|----------|-------------|----------|
| SC-06807-S-EB | CHROMIUM  | ND    |     | 0.100 | UG/L  | N/A    | N/A | *   | EPA CLP   | SURFACE WATER | METALS   | 1   | 08L077013  | U        | WS1110.0 | 9/11/96  | 0000029480  | 8/23/96  |
| SC-06807-S-FR | CHROMIUM  | 20.50 |     | 0.53  | UG/G  | 13.0%  | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 11907008   |          | QT1461.0 | 8/24/96  | 0000029491  | 8/23/96  |
| SC-06807-S-ME | CHROMIUM  | 59.00 |     | 0.52  | UG/G  | N/A    | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 11907007MS |          | QT1461.0 | 8/24/96  | 0000029493  | 8/23/96  |
| SC-06807-S-SD | CHROMIUM  | 0.15  |     | 0.10  | UG/G  | 186.7% | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 08L077014  |          | WS1110.0 | 9/11/96  | 0000029494  | 8/23/96  |
| SC-06801-S    | CHROMIUM  | 18.00 |     | 0.53  | UG/G  | N/A    | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 11882061   |          | QT1452.0 | 8/23/96  | 0000024521  | 8/19/96  |
| SC-06801-S-DU | CHROMIUM  | 17.00 |     | 0.53  | UG/G  | 3.0%   | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 11882001CU |          | QT1452.0 | 8/23/96  | 0000029495  | 8/19/96  |
| SC-06801-S-EB | CHROMIUM  | ND    |     | 5.200 | UG/L  | N/A    | N/A | U   | EPA 6010A | SURFACE WATER | METALS   | 1   | 08L819009  | U        | WS1108.0 | 8/30/96  | 0000029496  | 8/19/96  |
| SC-06801-S-FR | CHROMIUM  | 18.00 |     | 0.52  | UG/G  | 0.0%   | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 11882002   |          | QT1452.0 | 8/23/96  | 0000029497  | 8/19/96  |
| SC-06801-S-ME | CHROMIUM  | 61.20 |     | 0.53  | UG/G  | N/A    | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 11882001MS |          | QT1452.0 | 8/23/96  | 0000029498  | 8/19/96  |
| SC-06801-S-SD | CHROMIUM  | 14.00 |     | 1.20  | UG/G  | 10.2%  | N/A | A   | EPA 6010A | SOIL          | METALS   | 1   | 08L819010  |          | WS1108.0 | 8/27/96  | 0000029500  | 8/19/96  |
| SC-06811-S    | CHROMIUM  | 19.00 |     | 0.54  | UG/G  | N/A    | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 11881001   |          | QT1453.0 | 8/22/96  | 0000024536  | 8/19/96  |
| SC-06811-S-DU | CHROMIUM  | 19    |     | 0.540 | UG/G  | 5.3%   | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 11881001DU |          | QT1453.0 | 8/22/96  | 0000029501  | 8/19/96  |
| SC-06811-S-EB | CHROMIUM  | ND    |     | 5.20  | UG/L  | N/A    | N/A | U   | EPA 6010A | SURFACE WATER | METALS   | 1   | 08L819011  | U        | WS1108.0 | 8/30/96  | 0000029502  | 8/19/96  |
| SC-06811-S-FR | CHROMIUM  | 15.40 |     | 0.590 | UG/G  | 23.5%  | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 11881002   |          | QT1453.0 | 8/22/96  | 0000029503  | 8/19/96  |
| SC-06811-S-ME | CHROMIUM  | 61.80 |     | 0.54  | UG/G  | N/A    | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 11881001MS |          | QT1453.0 | 8/22/96  | 0000029504  | 8/19/96  |
| SC-06811-S-SD | CHROMIUM  | 18.00 |     | 1.30  | UG/G  | 14.3%  | N/A | A   | EPA 6010A | SOIL          | METALS   | 1   | 08L819012  |          | WS1108.0 | 8/27/96  | 0000029506  | 8/19/96  |
| SC-06822-S    | CHROMIUM  | 15.00 |     | 0.82  | UG/G  | N/A    | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 11881018   |          | QT1453.0 | 8/22/96  | 0000024550  | 8/19/96  |
| SC-06822-S-DU | CHROMIUM  | 14.70 |     | 0.82  | UG/G  | 7.8%   | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 11881018DU |          | QT1453.0 | 8/22/96  | 0000029507  | 8/19/96  |
| SC-06822-S-EB | CHROMIUM  | ND    |     | 5.20  | UG/L  | N/A    | N/A | U   | EPA 6010A | SURFACE WATER | METALS   | 1   | 08L819013  | U        | WS1108.0 | 8/30/96  | 0000029508  | 8/19/96  |
| SC-06822-S-FR | CHROMIUM  | 18.00 |     | 0.800 | UG/G  | 0.6%   | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 11881017   |          | QT1453.0 | 8/22/96  | 0000029509  | 8/19/96  |
| SC-06822-S-ME | CHROMIUM  | 88.10 |     | 0.820 | UG/G  | N/A    | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 11881018MS |          | QT1453.0 | 8/22/96  | 0000029511  | 8/19/96  |
| SC-06822-S-SD | CHROMIUM  | 17.70 |     | 1.30  | UG/G  | 10.7%  | N/A | A   | EPA 6010A | SOIL          | METALS   | 1   | 08L819014  |          | WS1108.0 | 8/27/96  | 0000029512  | 8/19/96  |
| SC-07124-S    | CHROMIUM  | 18.30 |     | 0.37  | UG/G  | N/A    | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 12352018   |          | QT2001.0 | 10/2/96  | 0000030432  | 10/1/96  |
| SC-07124-S-DU | CHROMIUM  | 17.00 |     | 0.37  | UG/G  | 12.7%  | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 12352018DU |          | QT2001.0 | 10/2/96  | 0000030438  | 10/1/96  |
| SC-07124-S-EB | CHROMIUM  | ND    |     | 1.00  | UG/L  | N/A    | N/A | *   | EPA 200.7 | SURFACE WATER | METALS   | 1   | 9610123-01 | U        | GE2005.0 | 10/8/96  | 0000030475  | 10/1/96  |
| SC-07124-S-FR | CHROMIUM  | 18.10 |     | 0.35  | UG/G  | 6.4%   | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 12352017   |          | QT2001.0 | 10/2/96  | 0000030442  | 10/1/96  |
| SC-07124-S-ME | CHROMIUM  | 54.60 |     | 0.37  | UG/G  | N/A    | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 12352018MS |          | QT2001.0 | 10/2/96  | 0000030436  | 10/1/96  |
| SC-07124-S-SD | CHROMIUM  | 22.30 |     | 0.28  | UG/G  | 14.4%  | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 9610066-05 |          | GE2002.0 | 10/10/96 | 0000030456  | 10/1/96  |
| SC-07221-C    | CHROMIUM  | 15.40 |     | 0.34  | UG/G  | N/A    | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 12384006   |          | QT2003.0 | 10/4/96  | 0000024635  | 10/2/96  |
| SC-07221-C-DU | CHROMIUM  | 14.10 |     | 0.34  | UG/G  | 8.8%   | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 12384006DU |          | QT2003.0 | 10/4/96  | 0000030465  | 10/2/96  |
| SC-07221-C-EB | CHROMIUM  | ND    |     | 1.000 | UG/L  | N/A    | N/A | *   | EPA 200.7 | SURFACE WATER | METALS   | 1   | 9610123-02 | U        | GE2005.0 | 10/8/96  | 0000030468  | 10/2/96  |
| SC-07221-C-FR | CHROMIUM  | 21.00 |     | 0.36  | UG/G  | 30.8%  | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 12384006   |          | QT2003.0 | 10/4/96  | 0000030467  | 10/2/96  |
| SC-07221-C-ME | CHROMIUM  | 69.90 |     | 0.34  | UG/G  | N/A    | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 12384006MS |          | QT2003.0 | 10/4/96  | 0000030464  | 10/2/96  |
| SC-07221-C-SD | CHROMIUM  | 17.80 |     | 0.22  | UG/G  | 14.6%  | N/A | *   | EPA 200.7 | SOIL          | METALS   | 1   | 9610123-03 |          | GE2005.0 | 10/10/96 | 0000030489  | 10/2/96  |
| SC-07317-S    | CHROMIUM  | 15.50 |     | 0.51  | UG/G  | N/A    | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 12252001   |          | QT1497.0 | 9/24/96  | 0000024659  | 9/21/96  |
| SC-07317-S-DU | CHROMIUM  | 18.00 |     | 0.51  | UG/G  | 14.9%  | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 12252001DU |          | QT1497.0 | 9/24/96  | 0000030243  | 9/21/96  |
| SC-07317-S-EB | CHROMIUM  | ND    |     | 5.200 | UG/L  | N/A    | N/A | *   | EPA CLP   | SURFACE WATER | METALS   | 1   | 08L313001  | U        | WS1123.0 | 9/26/96  | 0000030242  | 9/21/96  |
| SC-07317-S-FR | CHROMIUM  | 12.90 |     | 0.49  | UG/G  | 18.3%  | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 12252002   |          | QT1497.0 | 9/24/96  | 0000030244  | 9/21/96  |
| SC-07317-S-ME | CHROMIUM  | 57.40 |     | 0.51  | UG/G  | N/A    | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 12252001MS |          | QT1497.0 | 9/24/96  | 0000030246  | 9/21/96  |
| SC-07317-S-SD | CHROMIUM  | 13.80 |     | 1.10  | UG/G  | 13.1%  | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 08L313002  |          | WS1123.0 | 9/26/96  | 0000030247  | 9/21/96  |
| SC-07405-S    | CHROMIUM  | 17.20 |     | 0.54  | UG/G  | N/A    | N/A | A   | EPA CLP   | SOIL          | METALS   | 1   | 11978008   |          | QT1472.0 | 8/31/96  | 0000024673  | 8/30/96  |
| SC-07405-S-DU | CHROMIUM  | 15    |     | 0.540 | UG/G  | 14.3%  | N/A | A   | EPA CLP   | SOIL          | METALS   | 1   | 11978008DU |          | QT1472.0 | 8/31/96  | 0000029733  | 8/30/96  |
| SC-07405-S-EB | CHROMIUM  | ND    |     | 9.100 | UG/L  | N/A    | N/A | *   | EPA CLP   | SURFACE WATER | METALS   | 1   | 08L077015  | U        | WS1110.0 | 9/11/96  | 0000029909  | 8/30/96  |
| SC-07405-S-FR | CHROMIUM  | 14.20 |     | 0.53  | UG/G  | 19.1%  | N/A | A   | EPA CLP   | SOIL          | METALS   | 1   | 11978008   |          | QT1472.0 | 8/31/96  | 0000029736  | 8/30/96  |
| SC-07405-S-ME | CHROMIUM  | 59.80 |     | 0.54  | UG/G  | N/A    | N/A | A   | EPA CLP   | SOIL          | METALS   | 1   | 11978008MS |          | QT1472.0 | 8/31/96  | 0000029734  | 8/30/96  |
| SC-07405-S-SD | CHROMIUM  | 35.80 |     | 2.50  | UG/G  | 70.4%  | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 08L077016  |          | WS1110.0 | 9/11/96  | 0000029934  | 8/30/96  |
| SC-07428-S    | CHROMIUM  | 13.80 |     | 0.58  | UG/G  | N/A    | N/A | A   | EPA CLP   | SOIL          | METALS   | 1   | 11978029   |          | QT1472.0 | 8/31/96  | 0000024684  | 8/30/96  |
| SC-07428-S-DU | CHROMIUM  | 15    |     | 0.580 | UG/G  | 11.0%  | N/A | A   | EPA CLP   | SOIL          | METALS   | 1   | 11978029DU |          | QT1472.0 | 8/31/96  | 0000029738  | 8/30/96  |
| SC-07428-S-EB | CHROMIUM  | ND    |     | 8.10  | UG/L  | N/A    | N/A | *   | EPA CLP   | SURFACE WATER | METALS   | 1   | 08L077017  | U        | WS1110.0 | 9/11/96  | 0000029935  | 8/30/96  |
| SC-07428-S-FR | CHROMIUM  | 18.00 |     | 0.540 | UG/G  | 28.4%  | N/A | A   | EPA CLP   | SOIL          | METALS   | 1   | 11978030   |          | QT1472.0 | 8/31/96  | 0000029739  | 8/30/96  |
| SC-07428-S-ME | CHROMIUM  | 63.20 |     | 0.56  | UG/G  | N/A    | N/A | A   | EPA CLP   | SOIL          | METALS   | 1   | 11978029MS |          | QT1472.0 | 8/31/96  | 0000029737  | 8/30/96  |
| SC-07428-S-SD | CHROMIUM  | 31.80 |     | 2.30  | UG/G  | 78.9%  | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 08L077018  |          | WS1110.0 | 9/11/96  | 0000029936  | 8/30/96  |
| SC-07518-S    | CHROMIUM  | 14.20 |     | 0.58  | UG/G  | N/A    | N/A | *   | EPA CLP   | SOIL          | METALS   | 1   | 12017007   |          | QT1474.0 | 9/6/96   | 0000024713  | 9/5/96   |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER | CONC   | ERR | DL     | UNITS | RPD   | DER | VAL<br>QUAL | METHOD   | MATRIX        | CATEGORY       | DIL | LAB<br>ID  | LAB<br>QUAL | LAB<br>REQU | DATE<br>ANA | SAMPLINK   | DATE<br>SAM |
|---------------|-----------|--------|-----|--------|-------|-------|-----|-------------|----------|---------------|----------------|-----|------------|-------------|-------------|-------------|------------|-------------|
| SC-07518-S-OU | CHROMIUM  | 12.90  |     | 0.58   | UG/G  | 11.9% | N/A | *           | EPA CLP  | SOIL          | METALS         | 1   | 12017007DU |             | QT1474.0    | 9/5/96      | 0000029926 | 9/5/96      |
| SC-07518-S-EB | CHROMIUM  | ND     |     | 5.20   | UG/L  | N/A   | N/A | *           | EPA CLP  | SURFACE WATER | METALS         | 1   | 09L099001  | U           | WS1112.0    | 9/14/96     | 0000029970 | 9/5/96      |
| SC-07518-S-FR | CHROMIUM  | 12.90  |     | 0.58   | UG/G  | 8.6%  | N/A | *           | EPA CLP  | SOIL          | METALS         | 1   | 12017008   |             | QT1474.0    | 9/5/96      | 0000029930 | 9/5/96      |
| SC-07518-S-MS | CHROMIUM  | 58.90  |     | 0.58   | UG/G  | N/A   | N/A | *           | EPA CLP  | SOIL          | METALS         | 1   | 12017007MS |             | QT1474.0    | 9/8/96      | 0000029927 | 9/5/96      |
| SC-07518-S-SD | CHROMIUM  | 17.70  |     | 1.31   | UG/G  | 21.9% | N/A | *           | EPA CLP  | SOIL          | METALS         | 1   | 09L099002  |             | WS1112.0    | 9/14/96     | 0000029971 | 9/5/96      |
| SC-07613-S    | CHROMIUM  | 19.40  |     | 0.58   | UG/G  | N/A   | N/A | *           | EPA CLP  | SOIL          | METALS         | 1   | 11967004   |             | QT1471.0    | 8/31/96     | 0000024734 | 8/29/96     |
| SC-07613-S-DU | CHROMIUM  | 24     |     | 0.560  | UG/G  | 21.2% | N/A | *           | EPA CLP  | SOIL          | METALS         | 1   | 11967004DU |             | QT1471.0    | 8/31/96     | 0000026702 | 8/29/96     |
| SC-07613-S-EB | CHROMIUM  | ND     |     | 8.10   | UG/L  | N/A   | N/A | *           | EPA CLP  | SURFACE WATER | METALS         | 1   | 09L077019  | U           | WS1110.0    | 9/11/96     | 0000029937 | 8/29/96     |
| SC-07613-S-FR | CHROMIUM  | 19.50  |     | 0.56   | UG/G  | 0.5%  | N/A | *           | EPA CLP  | SOIL          | METALS         | 1   | 11967005   |             | QT1471.0    | 8/31/96     | 0000029703 | 8/29/96     |
| SC-07613-S-MS | CHROMIUM  | 68.70  |     | 0.56   | UG/G  | N/A   | N/A | *           | EPA CLP  | SOIL          | METALS         | 1   | 11967004MS |             | QT1471.0    | 8/31/96     | 0000029700 | 8/29/96     |
| SC-07613-S-SD | CHROMIUM  | 28.70  |     | 2.49   | UG/G  | 38.7% | N/A | *           | EPA CLP  | SOIL          | METALS         | 1   | 09L077020  |             | WS1110.0    | 9/11/96     | 0000029938 | 8/29/96     |
| SC-07709-S    | CHROMIUM  | 16.30  |     | 0.57   | UG/G  | N/A   | N/A | *           | EPA CLP  | SOIL          | METALS         | 1   | 11959006   |             | QT1468.0    | 8/30/96     | 0000024762 | 8/28/96     |
| SC-07709-S-DU | CHROMIUM  | 18.30  |     | 0.57   | UG/G  | 0.0%  | N/A | *           | EPA CLP  | SOIL          | METALS         | 1   | 11959008DU |             | QT1468.0    | 8/30/96     |            | 8/28/96     |
| SC-07709-S-EB | CHROMIUM  | ND     |     | 9.100  | UG/L  | N/A   | N/A | *           | EPA CLP  | SURFACE WATER | METALS         | 1   | 09L077021  | U           | WS1110.0    | 9/11/96     | 0000029939 | 8/28/96     |
| SC-07709-S-FR | CHROMIUM  | 16.50  |     | 0.53   | UG/G  | 1.2%  | N/A | *           | EPA CLP  | SOIL          | METALS         | 1   | 11959006   |             | QT1468.0    | 8/30/96     | 0000029681 | 8/28/96     |
| SC-07709-S-MS | CHROMIUM  | 64.10  |     | 0.57   | UG/G  | N/A   | N/A | *           | EPA CLP  | SOIL          | METALS         | 1   | 11959008MS |             | QT1468.0    | 8/30/96     |            | 8/28/96     |
| SC-07709-S-SD | CHROMIUM  | 23.80  |     | 2.40   | UG/G  | 36.6% | N/A | *           | EPA CLP  | SOIL          | METALS         | 1   | 09L077022  |             | WS1110.0    | 9/11/96     | 0000029940 | 8/28/96     |
| SC-05418-S    | CHRYSENE  | ND     |     | 61.00  | UG/KG | N/A   | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199017   | U           | QT1483.0    | 9/20/96     | 0000023730 | 9/18/96     |
| SC-05418-S-EB | CHRYSENE  | ND     |     | 1.500  | UG/L  | N/A   | N/A | *           | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L295003  | U           | WS1120.0    | 9/24/96     | 0000030185 | 9/18/96     |
| SC-05418-S-FR | CHRYSENE  | ND     |     | 63.00  | UG/KG | NOTE1 | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199018   | U           | QT1483.0    | 9/20/96     | 0000030189 | 9/18/96     |
| SC-05418-S-MD | CHRYSENE  | 300.00 |     | 61.00  | UG/KG | 3.3%  | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199017MD |             | QT1483.0    | 9/20/96     | 0000030163 | 9/18/96     |
| SC-05418-S-MS | CHRYSENE  | 310.00 |     | 61.00  | UG/KG | N/A   | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199017MS |             | QT1483.0    | 9/20/96     | 0000030162 | 9/18/96     |
| SC-05418-S-SD | CHRYSENE  | ND     |     | 123.00 | UG/KG | NOTE1 | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L295004  | U           | WS1120.0    | 9/24/96     | 0000030188 | 9/18/96     |
| SC-05502-S    | CHRYSENE  | ND     |     | 57.00  | UG/KG | N/A   | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001   | U           | QT1459.0    | 8/24/96     | 0000023744 | 8/22/96     |
| SC-05502-S-EB | CHRYSENE  | ND     |     | 3.00   | UG/L  | N/A   | N/A | *           | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077001  | U           | WS1110.0    | 9/12/96     | 0000029423 | 8/22/96     |
| SC-05502-S-FR | CHRYSENE  | ND     |     | 59.00  | UG/KG | NOTE1 | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893002   | U           | QT1459.0    | 8/24/96     | 0000029424 | 8/22/96     |
| SC-05502-S-MD | CHRYSENE  | 290.00 |     | 57.00  | UG/KG | 8.0%  | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001MD |             | QT1459.0    | 8/24/96     | 0000029425 | 8/22/96     |
| SC-05502-S-MS | CHRYSENE  | 240.00 |     | 57.00  | UG/KG | N/A   | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001MS |             | QT1459.0    | 8/24/96     | 0000029426 | 8/22/96     |
| SC-05502-S-SD | CHRYSENE  | ND     |     | 123.00 | UG/KG | NOTE1 | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077002  | U           | WS1110.0    | 9/11/96     | 0000029427 | 8/22/96     |
| SC-05517-S    | CHRYSENE  | ND     |     | 54.00  | UG/KG | N/A   | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012   | U           | QT1459.0    | 8/24/96     | 0000023758 | 8/22/96     |
| SC-05517-S-EB | CHRYSENE  | ND     |     | 3.00   | UG/L  | N/A   | N/A | *           | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077003  | U           | WS1110.0    | 9/12/96     | 0000029429 | 8/22/96     |
| SC-05517-S-FR | CHRYSENE  | ND     |     | 64.000 | UG/KG | NOTE1 | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893013   | U           | QT1459.0    | 8/24/96     | 0000029430 | 8/22/96     |
| SC-05517-S-MD | CHRYSENE  | 200.00 |     | 55.00  | UG/KG | 18.2% | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012MD |             | QT1459.0    | 8/24/96     | 0000029431 | 8/22/96     |
| SC-05517-S-MS | CHRYSENE  | 240.00 |     | 54.00  | UG/KG | N/A   | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012MS |             | QT1459.0    | 8/24/96     | 0000029432 | 8/22/96     |
| SC-05517-S-SD | CHRYSENE  | ND     |     | 111.00 | UG/KG | NOTE1 | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077004  | U           | WS1110.0    | 9/11/96     | 0000029433 | 8/22/96     |
| SC-05809-S    | CHRYSENE  | 78.00  |     | 59.00  | UG/KG | N/A   | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11896008   |             | QT1480.0    | 8/25/96     | 0000024088 | 8/22/96     |
| SC-05809-S-EB | CHRYSENE  | ND     |     | 1.50   | UG/L  | N/A   | N/A | *           | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077005  | U           | WS1110.0    | 9/12/96     | 0000029452 | 8/22/96     |
| SC-05809-S-FR | CHRYSENE  | 120.00 |     | 59.000 | UG/KG | 42.4% | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11896009   |             | QT1480.0    | 8/25/96     | 0000029454 | 8/22/96     |
| SC-05809-S-MD | CHRYSENE  | 370.00 |     | 59.000 | UG/KG | 0.0%  | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11896008MD |             | QT1480.0    | 8/25/96     | 0000029458 | 8/22/96     |
| SC-05809-S-MS | CHRYSENE  | 370.00 |     | 59.000 | UG/KG | N/A   | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11896008MS |             | QT1480.0    | 8/25/96     | 0000029456 | 8/22/96     |
| SC-05809-S-SD | CHRYSENE  | ND     |     | 107.00 | UG/KG | NOTE1 | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077006  | U           | WS1110.0    | 9/11/96     | 0000029457 | 8/22/96     |
| SC-05902-S    | CHRYSENE  | ND     |     | 62.00  | UG/KG | N/A   | N/A | U           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001   | U           | QT1463.0    | 8/27/96     | 0000024086 | 8/23/96     |
| SC-05902-S-EB | CHRYSENE  | ND     |     | 3.330  | UG/L  | N/A   | N/A | *           | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077007  | U           | WS1110.0    | 9/12/96     | 0000029459 | 8/23/96     |
| SC-05902-S-FR | CHRYSENE  | ND     |     | 63.00  | UG/KG | NOTE1 | N/A | U           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914002   | U           | QT1463.0    | 8/27/96     | 0000029462 | 8/23/96     |
| SC-05902-S-MD | CHRYSENE  | 290.00 |     | 62.000 | UG/KG | 12.8% | N/A | J           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001MD |             | QT1463.0    | 8/27/96     | 0000029463 | 8/23/96     |
| SC-05902-S-MS | CHRYSENE  | 330.00 |     | 62.00  | UG/KG | N/A   | N/A | J           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001MS |             | QT1463.0    | 8/27/96     | 0000029464 | 8/23/96     |
| SC-05902-S-SD | CHRYSENE  | ND     |     | 127.00 | UG/KG | NOTE1 | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077008  | U           | WS1110.0    | 9/12/96     | 0000029460 | 8/23/96     |
| SC-05912-S    | CHRYSENE  | ND     |     | 54.00  | UG/KG | N/A   | N/A | U           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914014   | U           | QT1463.0    | 8/27/96     | 0000024100 | 8/23/96     |
| SC-05912-S-EB | CHRYSENE  | ND     |     | 3.000  | UG/L  | N/A   | N/A | *           | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077009  | U           | WS1110.0    | 9/12/96     | 0000029465 | 8/23/96     |
| SC-05912-S-FR | CHRYSENE  | ND     |     | 55.00  | UG/KG | NOTE1 | N/A | U           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914015   | U           | QT1463.0    | 8/27/96     | 0000029467 | 8/23/96     |
| SC-05912-S-MD | CHRYSENE  | 280.00 |     | 54.00  | UG/KG | 0.0%  | N/A | A           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914014MD |             | QT1463.0    | 8/28/96     | 0000029468 | 8/23/96     |
| SC-05912-S-MS | CHRYSENE  | 280.00 |     | 54.00  | UG/KG | N/A   | N/A | A           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914014MS |             | QT1463.0    | 8/28/96     | 0000029469 | 8/23/96     |
| SC-05912-S-SD | CHRYSENE  | ND     |     | 117.00 | UG/KG | NOTE1 | N/A | *           | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077010  | U           | WS1110.0    | 9/12/96     | 0000029470 | 8/23/96     |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER              | CONC   | ERR | DL     | UNITS | RPO   | DER | VAL | QUAL | METHOD   | MATRIX        | CATEGORY       | OIL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLE LINK | DATE SAM |
|---------------|------------------------|--------|-----|--------|-------|-------|-----|-----|------|----------|---------------|----------------|-----|------------|----------|----------|----------|-------------|----------|
| SC-0512-S     | CHRYSENE               | ND     |     | 59.00  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11958004   | U        | QT1487.0 | 8/30/98  | 0000024441  | 8/28/98  |
| SC-0512-S-FR  | CHRYSENE               | ND     |     | 59.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11958005   | U        | QT1487.0 | 8/30/98  | 0000029818  | 8/28/98  |
| SC-0512-S-MD  | CHRYSENE               | 340.00 |     | 59.00  | UG/KG | 0.0%  | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11958004MD |          | QT1487.0 | 8/30/98  | 0000029817  | 8/28/98  |
| SC-0512-S-MS  | CHRYSENE               | 340.00 |     | 59.00  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11958004MS |          | QT1487.0 | 8/30/98  | 0000029818  | 8/28/98  |
| SC-0512-S-SD  | CHRYSENE               | ND     |     | 121.00 | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077012  | U        | WS1110.0 | 9/12/98  | 0000029814  | 8/28/98  |
| SC-0518-S     | INDENO(1,2,3-CD)PYRENE | ND     |     | 18.00  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199017   | U        | QT1483.0 | 8/20/98  | 0000023730  | 9/18/98  |
| SC-0518-S-EB  | INDENO(1,2,3-CD)PYRENE | ND     |     | 0.430  | UG/L  | N/A   | N/A | *   |      | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L295003  | U        | WS1120.0 | 9/24/98  | 0000030155  | 9/18/98  |
| SC-0518-S-FR  | INDENO(1,2,3-CD)PYRENE | ND     |     | 18.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199018   | U        | QT1483.0 | 8/20/98  | 0000030158  | 9/18/98  |
| SC-0518-S-MD  | INDENO(1,2,3-CD)PYRENE | 300.00 |     | 17.00  | UG/KG | 3.3%  | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199017MD |          | QT1483.0 | 8/20/98  | 0000030153  | 9/18/98  |
| SC-0518-S-MS  | INDENO(1,2,3-CD)PYRENE | 310.00 |     | 17.00  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 12199017MS |          | QT1483.0 | 8/20/98  | 0000030162  | 9/18/98  |
| SC-0518-S-SD  | INDENO(1,2,3-CD)PYRENE | ND     |     | 35.70  | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L295004  | U        | WS1120.0 | 9/24/98  | 0000030158  | 9/18/98  |
| SC-05502-S    | INDENO(1,2,3-CD)PYRENE | ND     |     | 18.00  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001   | U        | QT1459.0 | 8/24/98  | 0000023744  | 8/22/98  |
| SC-05502-S-EB | INDENO(1,2,3-CD)PYRENE | ND     |     | 0.86   | UG/L  | N/A   | N/A | *   |      | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077001  | U        | WS1110.0 | 9/12/98  | 0000029423  | 8/22/98  |
| SC-05502-S-FR | INDENO(1,2,3-CD)PYRENE | ND     |     | 17.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893002   | U        | QT1459.0 | 8/24/98  | 0000029424  | 8/22/98  |
| SC-05502-S-MD | INDENO(1,2,3-CD)PYRENE | 270.00 |     | 18.00  | UG/KG | 11.8% | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001MD |          | QT1459.0 | 8/24/98  | 0000029425  | 8/22/98  |
| SC-05502-S-MS | INDENO(1,2,3-CD)PYRENE | 240.00 |     | 18.00  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893001MS |          | QT1459.0 | 8/24/98  | 0000029428  | 8/22/98  |
| SC-05502-S-SD | INDENO(1,2,3-CD)PYRENE | ND     |     | 35.80  | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077002  | U        | WS1110.0 | 9/12/98  | 0000029427  | 8/22/98  |
| SC-05517-S    | INDENO(1,2,3-CD)PYRENE | ND     |     | 18.00  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012   | U        | QT1459.0 | 8/24/98  | 0000023758  | 8/22/98  |
| SC-05517-S-EB | INDENO(1,2,3-CD)PYRENE | ND     |     | 0.86   | UG/L  | N/A   | N/A | *   |      | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077003  | U        | WS1110.0 | 9/12/98  | 0000029429  | 8/22/98  |
| SC-05517-S-FR | INDENO(1,2,3-CD)PYRENE | ND     |     | 18.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893013   | U        | QT1459.0 | 8/24/98  | 0000029430  | 8/22/98  |
| SC-05517-S-MD | INDENO(1,2,3-CD)PYRENE | 170    |     | 16.00  | UG/KG | 25.8% | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012MD |          | QT1459.0 | 8/24/98  | 0000029431  | 8/22/98  |
| SC-05517-S-MS | INDENO(1,2,3-CD)PYRENE | 220.00 |     | 16.00  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11893012MS |          | QT1459.0 | 8/24/98  | 0000029432  | 8/22/98  |
| SC-05517-S-SD | INDENO(1,2,3-CD)PYRENE | ND     |     | 32.30  | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077004  | U        | WS1110.0 | 9/12/98  | 0000029433  | 8/22/98  |
| SC-05809-S    | INDENO(1,2,3-CD)PYRENE | 53.00  |     | 17.00  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11896008   |          | QT1480.0 | 8/25/98  | 0000024058  | 8/22/98  |
| SC-05809-S-EB | INDENO(1,2,3-CD)PYRENE | ND     |     | 0.43   | UG/L  | N/A   | N/A | *   |      | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077005  | U        | WS1110.0 | 9/12/98  | 0000029452  | 8/22/98  |
| SC-05809-S-FR | INDENO(1,2,3-CD)PYRENE | 68.00  |     | 17.00  | UG/KG | 21.8% | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11896009   |          | QT1480.0 | 8/25/98  | 0000029454  | 8/22/98  |
| SC-05809-S-MD | INDENO(1,2,3-CD)PYRENE | 280.00 |     | 17.00  | UG/KG | 10.2% | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11896008MD |          | QT1480.0 | 8/25/98  | 0000029455  | 8/22/98  |
| SC-05809-S-MS | INDENO(1,2,3-CD)PYRENE | 310.00 |     | 17.00  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11896008MS |          | QT1480.0 | 8/25/98  | 0000029456  | 8/22/98  |
| SC-05809-S-SD | INDENO(1,2,3-CD)PYRENE | 70.70  |     | 31.10  | UG/KG | 20.6% | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077006  |          | WS1110.0 | 9/12/98  | 0000029457  | 8/22/98  |
| SC-05902-S    | INDENO(1,2,3-CD)PYRENE | ND     |     | 18.00  | UG/KG | N/A   | N/A | U   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001   | U        | QT1463.0 | 8/27/98  | 0000024068  | 8/23/98  |
| SC-05902-S-EB | INDENO(1,2,3-CD)PYRENE | ND     |     | 0.950  | UG/L  | N/A   | N/A | *   |      | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077007  | U        | WS1110.0 | 9/12/98  | 0000029459  | 8/23/98  |
| SC-05902-S-FR | INDENO(1,2,3-CD)PYRENE | ND     |     | 18.00  | UG/KG | NOTE1 | N/A | U   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914002   | U        | QT1463.0 | 8/27/98  | 0000029462  | 8/23/98  |
| SC-05902-S-MD | INDENO(1,2,3-CD)PYRENE | 300.00 |     | 18.00  | UG/KG | 12.5% | N/A | J   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001MD |          | QT1463.0 | 8/27/98  | 0000029463  | 8/23/98  |
| SC-05902-S-MS | INDENO(1,2,3-CD)PYRENE | 340.00 |     | 18.00  | UG/KG | N/A   | N/A | J   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914001MS |          | QT1463.0 | 8/27/98  | 0000029464  | 8/23/98  |
| SC-05902-S-SD | INDENO(1,2,3-CD)PYRENE | ND     |     | 38.70  | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077008  | U        | WS1110.0 | 9/12/98  | 0000029460  | 8/23/98  |
| SC-05912-S    | INDENO(1,2,3-CD)PYRENE | ND     |     | 18.00  | UG/KG | N/A   | N/A | U   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914014   | U        | QT1463.0 | 8/27/98  | 0000024100  | 8/23/98  |
| SC-05912-S-EB | INDENO(1,2,3-CD)PYRENE | ND     |     | 0.950  | UG/L  | N/A   | N/A | *   |      | EPA 8310 | SURFACE WATER | SEMI-VOLATILES | 1   | 09L077009  | U        | WS1110.0 | 9/12/98  | 0000029466  | 8/23/98  |
| SC-05912-S-FR | INDENO(1,2,3-CD)PYRENE | ND     |     | 18.00  | UG/KG | NOTE1 | N/A | U   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914015   | U        | QT1463.0 | 8/20/98  | 0000029467  | 8/23/98  |
| SC-05912-S-MD | INDENO(1,2,3-CD)PYRENE | 300.00 |     | 18.00  | UG/KG | 3.4%  | N/A | A   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914014MD |          | QT1463.0 | 8/28/98  | 0000029468  | 8/23/98  |
| SC-05912-S-MS | INDENO(1,2,3-CD)PYRENE | 280.00 |     | 18.00  | UG/KG | N/A   | N/A | A   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11914014MS |          | QT1463.0 | 8/28/98  | 0000029469  | 8/23/98  |
| SC-05912-S-SD | INDENO(1,2,3-CD)PYRENE | ND     |     | 34.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077010  | U        | WS1110.0 | 9/12/98  | 0000029470  | 8/23/98  |
| SC-06512-S    | INDENO(1,2,3-CD)PYRENE | ND     |     | 17.00  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11958004   | U        | QT1487.0 | 8/30/98  | 0000024441  | 8/28/98  |
| SC-06512-S-FR | INDENO(1,2,3-CD)PYRENE | ND     |     | 17.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11958005   | U        | QT1487.0 | 8/30/98  | 0000029818  | 8/28/98  |
| SC-06512-S-MD | INDENO(1,2,3-CD)PYRENE | 340.00 |     | 17.00  | UG/KG | 3.0%  | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11958004MD |          | QT1487.0 | 8/30/98  | 0000029817  | 8/28/98  |
| SC-06512-S-MS | INDENO(1,2,3-CD)PYRENE | 330.00 |     | 17.00  | UG/KG | N/A   | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 11958004MS |          | QT1487.0 | 8/30/98  | 0000029818  | 8/28/98  |
| SC-06512-S-SD | INDENO(1,2,3-CD)PYRENE | ND     |     | 35.00  | UG/KG | NOTE1 | N/A | *   |      | EPA 8310 | SOIL          | SEMI-VOLATILES | 1   | 09L077012  | U        | WS1110.0 | 9/12/98  | 0000029814  | 8/28/98  |
| SC-05214-S    | LEAD                   | 13.90  |     | 0.34   | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS         | 1   | 12199005   |          | QT1483.0 | 8/20/98  | 0000023658  | 9/18/98  |
| SC-05214-S-DU | LEAD                   | 11     |     | 0.340  | UG/G  | 24.2% | N/A | *   |      | EPA CLP  | SOIL          | METALS         | 1   | 12199005DU |          | QT1483.0 | 8/20/98  | 0000030155  | 9/18/98  |
| SC-05214-S-EB | LEAD                   | 12.80  |     | 0.900  | UG/L  | N/A   | N/A | *   |      | EPA CLP  | SURFACE WATER | METALS         | 1   | 09L295001  |          | WS1120.0 | 8/25/98  | 0000030158  | 9/18/98  |
| SC-05214-S-FR | LEAD                   | 12.10  |     | 0.340  | UG/G  | 13.8% | N/A | *   |      | EPA CLP  | SOIL          | METALS         | 1   | 12199006   |          | QT1483.0 | 8/20/98  | 0000030157  | 9/18/98  |
| SC-05214-S-MS | LEAD                   | 123.00 |     | 0.34   | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS         | 1   | 12199005MS |          | QT1483.0 | 8/20/98  | 0000030158  | 9/18/98  |
| SC-05214-S-SD | LEAD                   | 11.40  |     | 0.38   | UG/G  | 18.8% | N/A | *   |      | EPA CLP  | SOIL          | METALS         | 2   | 09L295002  |          | WS1120.0 | 8/28/98  | 0000030159  | 9/18/98  |
| SC-05418-S    | LEAD                   | 8.70   |     | 0.34   | UG/G  | N/A   | N/A | *   |      | EPA CLP  | SOIL          | METALS         | 1   | 12199017   |          | QT1483.0 | 8/20/98  | 0000023730  | 9/18/98  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER | CONC   | ERR | DL    | UNITS | RPD   | DER | VAL  | QUAL | METHOD   | MATRIX        | CATEGORY | DIL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK    | DATE SAM |
|---------------|-----------|--------|-----|-------|-------|-------|-----|------|------|----------|---------------|----------|-----|------------|----------|----------|----------|-------------|----------|
| SC-05418-S-DU | LEAD      | 8.40   |     | 0.34  | UG/G  | 7.7%  | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 12198017DU |          | QT1493.0 | 8/20/98  | 0000030184  | 9/18/98  |
| SC-05418-S-EB | LEAD      | 8.20   |     | 0.600 | UG/L  | N/A   | N/A | *    |      | EPA CLP  | SURFACE WATER | METALS   | 1   | 08L295003  |          | WS1120.0 | 8/25/98  | 0000030185  | 9/18/98  |
| SC-05418-S-FR | LEAD      | 9.50   |     | 0.38  | UG/G  | 12.9% | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 12198018   |          | QT1493.0 | 8/20/98  | 0000030186  | 9/18/98  |
| SC-05418-S-MS | LEAD      | 122.00 |     | 0.34  | UG/G  | N/A   | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 12198017MS |          | QT1493.0 | 8/20/98  | 0000030187  | 9/18/98  |
| SC-05418-S-SD | LEAD      | 10.50  |     | 0.20  | UG/G  | 18.8% | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 09L295004  |          | WS1120.0 | 8/28/98  | 0000030188  | 9/18/98  |
| SC-05704-S    | LEAD      | 14.80  |     | 0.31  | UG/G  | N/A   | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 11882001   |          | QT1455.0 | 8/23/98  | 0000029478  | 8/21/98  |
| SC-05704-S-DU | LEAD      | 14.30  |     | 0.31  | UG/G  | 3.4%  | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 11882001DU |          | QT1455.0 | 8/23/98  | 0000029448  | 8/21/98  |
| SC-05704-S-EB | LEAD      | ND     |     | 2.00  | UG/L  | N/A   | N/A | 2.0U |      | EPA 7421 | SURFACE WATER | METALS   | 1   | 08L199001  |          | WS1108.0 | 8/28/98  | 0000029451  | 8/21/98  |
| SC-05704-S-FR | LEAD      | 13     |     | 0.330 | UG/G  | 13.7% | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 11882002   |          | QT1455.0 | 8/23/98  | 0000029447  | 8/21/98  |
| SC-05704-S-MS | LEAD      | 132.00 |     | 0.31  | UG/G  | N/A   | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 11882001MS |          | QT1455.0 | 8/23/98  | 0000029449  | 8/21/98  |
| SC-05704-S-SD | LEAD      | 10.40  |     | 0.37  | UG/G  | 34.9% | N/A | A    |      | EPA 7421 | SOIL          | METALS   | 2   | 08L199002  |          | WS1108.0 | 8/28/98  | 0000029450  | 8/21/98  |
| SC-05902-S    | LEAD      | 13.80  |     | 0.35  | UG/G  | N/A   | N/A | A    |      | EPA CLP  | SOIL          | METALS   | 1   | 11914001   |          | QT1463.0 | 8/27/98  | 0000029488  | 8/23/98  |
| SC-05902-S-DU | LEAD      | 12.20  |     | 0.35  | UG/G  | 12.9% | N/A | A    |      | EPA CLP  | SOIL          | METALS   | 1   | 11914001DU |          | QT1463.0 | 8/27/98  | 0000029481  | 8/23/98  |
| SC-05902-S-EB | LEAD      | ND     |     | 0.80  | UG/L  | N/A   | N/A | *    |      | EPA CLP  | SURFACE WATER | METALS   | 1   | 08L077007  | U        | WS1110.0 | 9/12/98  | 0000029459  | 8/23/98  |
| SC-05902-S-FR | LEAD      | ND     |     | 8.30  | UG/G  | NOTE1 | N/A | 8.3U |      | EPA CLP  | SOIL          | METALS   | 1   | 11914002   |          | QT1463.0 | 8/27/98  | 0000029482  | 8/23/98  |
| SC-05902-S-MS | LEAD      | 139.05 |     | 0.35  | UG/G  | N/A   | N/A | A    |      | EPA CLP  | SOIL          | METALS   | 1   | 11914001MS |          | QT1463.0 | 8/27/98  | 0000029484  | 8/23/98  |
| SC-05902-S-SD | LEAD      | 22.40  |     | 3.80  | UG/G  | 47.5% | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 5   | 08L077008  |          | WS1110.0 | 9/12/98  | 0000029460  | 8/23/98  |
| SC-05912-S    | LEAD      | 11.40  |     | 0.31  | UG/G  | N/A   | N/A | A    |      | EPA CLP  | SOIL          | METALS   | 1   | 11914014   |          | QT1463.0 | 8/27/98  | 00000294100 | 8/23/98  |
| SC-05912-S-DU | LEAD      | 13.10  |     | 0.31  | UG/G  | 13.0% | N/A | A    |      | EPA CLP  | SOIL          | METALS   | 1   | 11914014DU |          | QT1463.0 | 8/27/98  | 0000029485  | 8/23/98  |
| SC-05912-S-EB | LEAD      | 7.40   |     | 0.80  | UG/L  | N/A   | N/A | *    |      | EPA CLP  | SURFACE WATER | METALS   | 1   | 08L077009  |          | WS1110.0 | 9/12/98  | 0000029465  | 8/23/98  |
| SC-05912-S-FR | LEAD      | 20.40  |     | 0.31  | UG/G  | 58.0% | N/A | A    |      | EPA CLP  | SOIL          | METALS   | 1   | 11914015   |          | QT1463.0 | 8/27/98  | 0000029467  | 8/23/98  |
| SC-05912-S-MS | LEAD      | 110.00 |     | 0.31  | UG/G  | N/A   | N/A | A    |      | EPA CLP  | SOIL          | METALS   | 1   | 11914014MS |          | QT1463.0 | 8/27/98  | 0000029469  | 8/23/98  |
| SC-05912-S-SD | LEAD      | 15.10  |     | 1.40  | UG/G  | 27.9% | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 2   | 08L077010  |          | WS1110.0 | 9/12/98  | 0000029470  | 8/23/98  |
| SC-08001-S    | LEAD      | 12.20  |     | 0.21  | UG/G  | N/A   | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 12320001   |          | QT1503.0 | 10/1/98  | 00000294109 | 9/30/98  |
| SC-08001-S-DU | LEAD      | 15.10  |     | 0.21  | UG/G  | 21.2% | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 12320001DU |          | QT1503.0 | 10/1/98  | 0000029575  | 9/30/98  |
| SC-08001-S-EB | LEAD      | ND     |     | 1.500 | UG/L  | N/A   | N/A | *    |      | EPA CLP  | WATER         | METALS   | 1   | 0810068-01 | U        | GE2002.0 | 10/8/98  | 0000030480  | 9/30/98  |
| SC-08001-S-FR | LEAD      | 13     |     | 0.200 | UG/G  | 8.3%  | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 12320002   |          | QT1503.0 | 10/1/98  | 0000029573  | 9/30/98  |
| SC-08001-S-MS | LEAD      | 132.00 |     | 0.21  | UG/G  | N/A   | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 12320001MS |          | QT1503.0 | 10/1/98  | 0000029572  | 9/30/98  |
| SC-08001-S-SD | LEAD      | 15.20  |     | 0.38  | UG/G  | 21.9% | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 0810068-02 |          | GE2002.0 | 10/10/98 | 0000030459  | 9/30/98  |
| SC-08101-S    | LEAD      | 21.80  |     | 0.32  | UG/G  | N/A   | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 12219001   |          | QT1495.0 | 9/20/98  | 00000294130 | 9/19/98  |
| SC-08101-S-DU | LEAD      | 9      |     | 0.320 | UG/G  | 79.5% | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 12219001DU |          | QT1495.0 | 9/20/98  | 0000029582  | 9/19/98  |
| SC-08101-S-EB | LEAD      | 11.10  |     | 0.600 | UG/L  | N/A   | N/A | *    |      | EPA CLP  | SURFACE WATER | METALS   | 1   | 08L295005  |          | WS1120.0 | 8/25/98  | 0000029577  | 9/19/98  |
| SC-08101-S-FR | LEAD      | 14.10  |     | 0.33  | UG/G  | 42.9% | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 12219002   |          | QT1495.0 | 9/20/98  | 0000029581  | 9/19/98  |
| SC-08101-S-MS | LEAD      | 113.00 |     | 0.32  | UG/G  | N/A   | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 12219001MS |          | QT1495.0 | 9/20/98  | 0000029579  | 9/19/98  |
| SC-08101-S-SD | LEAD      | 13.30  |     | 0.53  | UG/G  | 45.4% | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 3   | 08L295006  |          | WS1120.0 | 8/27/98  | 0000029578  | 9/19/98  |
| SC-08203-S    | LEAD      | 44.10  |     | 0.18  | UG/G  | N/A   | N/A | J    |      | EPA CLP  | SOIL          | METALS   | 1   | 12434001   |          | QT2011.0 | 10/8/98  | 00000294151 | 10/8/98  |
| SC-08203-S-DU | LEAD      | 18.30  |     | 0.19  | UG/G  | 82.7% | N/A | J    |      | EPA CLP  | SOIL          | METALS   | 1   | 12434001DU |          | QT2011.0 | 10/8/98  | 0000029580  | 10/8/98  |
| SC-08203-S-EB | LEAD      | ND     |     | 1.500 | UG/L  | N/A   | N/A | *    |      | 6010A    | SURFACE WATER | METALS   | 1   | 9510283-01 | U        | GE2011.0 | 10/16/98 | 0000029583  | 10/8/98  |
| SC-08203-S-FR | LEAD      | 10.50  |     | 0.180 | UG/G  | 91.1% | N/A | J    |      | EPA CLP  | SOIL          | METALS   | 1   | 12434002   |          | QT2011.0 | 10/8/98  | 0000029587  | 10/8/98  |
| SC-08203-S-MS | LEAD      | 129.00 |     | 0.19  | UG/G  | N/A   | N/A | A    |      | EPA CLP  | SOIL          | METALS   | 1   | 12434001MS |          | QT2011.0 | 10/8/98  | 0000029586  | 10/8/98  |
| SC-08203-S-SD | LEAD      | 21.00  |     | 0.33  | UG/G  | 71.0% | N/A | *    |      | 6010A    | SOIL          | METALS   | 1   | 9510283-02 | EN       | GE2011.0 | 10/16/98 | 0000029584  | 10/8/98  |
| SC-08218-S    | LEAD      | 11.80  |     | 0.18  | UG/G  | N/A   | N/A | A    |      | EPA CLP  | SOIL          | METALS   | 1   | 12434013   |          | QT2011.0 | 10/8/98  | 00000294165 | 10/8/98  |
| SC-08218-S-DU | LEAD      | 11.80  |     | 0.18  | UG/G  | 0.0%  | N/A | A    |      | EPA CLP  | SOIL          | METALS   | 1   | 12434013DU |          | QT2011.0 | 10/8/98  | 0000029589  | 10/8/98  |
| SC-08218-S-EB | LEAD      | 1.50   |     | 1.50  | UG/L  | N/A   | N/A | *    |      | 6010A    | SURFACE WATER | METALS   | 1   | 9510283-03 | B        | GE2011.0 | 10/16/98 | 0000029588  | 10/8/98  |
| SC-08218-S-FR | LEAD      | 12.90  |     | 0.18  | UG/G  | 8.9%  | N/A | A    |      | EPA CLP  | SOIL          | METALS   | 1   | 12434014   |          | QT2011.0 | 10/8/98  | 0000029594  | 10/8/98  |
| SC-08218-S-MS | LEAD      | 121.00 |     | 0.18  | UG/G  | N/A   | N/A | A    |      | EPA CLP  | SOIL          | METALS   | 1   | 12434013MS |          | QT2011.0 | 10/8/98  | 0000029582  | 10/8/98  |
| SC-08218-S-SD | LEAD      | 14.00  |     | 0.33  | UG/G  | 17.1% | N/A | *    |      | 6010A    | SOIL          | METALS   | 1   | 9510283-04 | EN       | GE2011.0 | 10/16/98 | 0000029590  | 10/8/98  |
| SC-08317-S    | LEAD      | 11.00  |     | 0.34  | UG/G  | N/A   | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 12219017   |          | QT1495.0 | 9/20/98  | 00000294165 | 9/19/98  |
| SC-08317-S-DU | LEAD      | 13     |     | 0.340 | UG/G  | 18.9% | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 12219017DU |          | QT1495.0 | 9/20/98  | 0000029597  | 9/20/98  |
| SC-08317-S-EB | LEAD      | 10.10  |     | 0.60  | UG/L  | N/A   | N/A | *    |      | EPA CLP  | SURFACE WATER | METALS   | 1   | 08L295007  |          | WS1120.0 | 8/25/98  | 0000029595  | 9/19/98  |
| SC-08317-S-FR | LEAD      | 18.80  |     | 0.34  | UG/G  | 40.6% | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 12219018   |          | QT1495.0 | 9/20/98  | 0000029598  | 9/19/98  |
| SC-08317-S-MS | LEAD      | 124.00 |     | 0.34  | UG/G  | N/A   | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 1   | 12219017MS |          | QT1495.0 | 9/20/98  | 0000029600  | 9/19/98  |
| SC-08317-S-SD | LEAD      | 14.00  |     | 0.40  | UG/G  | 30.1% | N/A | *    |      | EPA CLP  | SOIL          | METALS   | 2   | 08L295008  |          | WS1120.0 | 8/28/98  | 0000029596  | 9/19/98  |

**APPENDIX G TABLE G-1**

| WSSRAP ID     | PARAMETER | CONC   | ERR | DL    | UNITS | RPD   | DER | VAL   | QUAL | METHOD   | MATRIX        | CATEGORY | OIL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|-----------|--------|-----|-------|-------|-------|-----|-------|------|----------|---------------|----------|-----|------------|----------|----------|----------|------------|----------|
| SC-06408-C    | LEAD      | 12.60  |     | 0.31  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 12223010   |          | QT1498.0 | 8/21/96  | 0000024204 | 8/19/96  |
| SC-06408-C-DU | LEAD      | 13.60  |     | 0.31  | UG/G  | 5.3%  | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 12223010DU |          | QT1498.0 | 8/21/96  | 0000028603 | 8/19/96  |
| SC-06408-C-EB | LEAD      | 9.10   |     | 0.60  | UG/L  | N/A   | N/A | *     |      | EPA CLP  | SURFACE WATER | METALS   | 1   | 06L296009  |          | WS1120.0 | 8/25/96  | 0000029601 | 8/16/96  |
| SC-06408-C-FR | LEAD      | 9.70   |     | 0.31  | UG/G  | 27.6% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 12223011   |          | QT1498.0 | 8/21/96  | 0000029604 | 8/19/96  |
| SC-06408-C-MS | LEAD      | 123.00 |     | 0.31  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 12223010MS |          | QT1498.0 | 8/21/96  | 0000029606 | 8/19/96  |
| SC-06408-C-SD | LEAD      | 9.80   |     | 0.35  | UG/G  | 26.9% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 2   | 09L295010  |          | WS1120.0 | 8/28/96  | 0000029602 | 8/19/96  |
| SC-06422-S    | LEAD      | 10.60  |     | 0.34  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 12223031   |          | QT1498.0 | 8/21/96  | 0000024226 | 8/16/96  |
| SC-06422-S-DU | LEAD      | 14     |     | 0.340 | UG/G  | 26.9% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 12223031DU |          | QT1498.0 | 8/21/96  | 0000028609 | 8/19/96  |
| SC-06422-S-EB | LEAD      | 11.30  |     | 0.600 | UG/L  | N/A   | N/A | *     |      | EPA CLP  | SURFACE WATER | METALS   | 1   | 06L296011  |          | WS1120.0 | 8/25/96  | 0000029607 | 8/16/96  |
| SC-06422-S-FR | LEAD      | 12.60  |     | 0.34  | UG/G  | 18.8% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 12223032   |          | QT1498.0 | 8/21/96  | 0000028610 | 8/19/96  |
| SC-06422-S-MS | LEAD      | 116.00 |     | 0.34  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 12223031MS |          | QT1498.0 | 8/21/96  | 0000029612 | 8/19/96  |
| SC-06422-S-SD | LEAD      | 16.10  |     | 0.66  | UG/G  | 35.0% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 3   | 09L295012  |          | WS1120.0 | 8/27/96  | 0000029608 | 8/19/96  |
| SC-06512-S    | LEAD      | 6.30   |     | 0.33  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11658004   |          | QT1487.0 | 8/30/96  | 0000024441 | 8/20/96  |
| SC-06512-S-DU | LEAD      | 9.80   |     | 0.33  | UG/G  | 16.0% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11658004DU |          | QT1487.0 | 8/30/96  | 0000029616 | 8/20/96  |
| SC-06512-S-EB | LEAD      | ND     |     | 0.60  | UG/L  | N/A   | N/A | *     |      | EPA CLP  | SURFACE WATER | METALS   | 1   | 09L077011  | U        | WS1110.0 | 8/12/96  | 0000029613 | 8/20/96  |
| SC-06512-S-FR | LEAD      | 7.40   |     | 0.33  | UG/G  | 11.6% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11658005   |          | QT1487.0 | 8/30/96  | 0000029618 | 8/20/96  |
| SC-06512-S-MS | LEAD      | 125.00 |     | 0.33  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11658004MS |          | QT1487.0 | 8/30/96  | 0000029618 | 8/20/96  |
| SC-06512-S-SD | LEAD      | 11.20  |     | 1.40  | UG/G  | 20.7% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 2   | 09L077012  |          | WS1110.0 | 8/12/96  | 0000029614 | 8/20/96  |
| SC-06606-S    | LEAD      | 19.30  |     | 0.31  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11664007   |          | QT1458.0 | 8/23/96  | 0000024461 | 8/21/96  |
| SC-06606-S-DU | LEAD      | 16.40  |     | 0.31  | UG/G  | 16.2% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11664007DU |          | QT1458.0 | 8/23/96  | 0000029471 | 8/21/96  |
| SC-06606-S-EB | LEAD      | ND     |     | 1.60  | UG/L  | N/A   | N/A | 1.60U |      | EPA 7421 | SURFACE WATER | METALS   | 1   | 06L169003  |          | WS1106.0 | 8/28/96  | 0000029472 | 8/21/96  |
| SC-06606-S-FR | LEAD      | 42.00  |     | 0.32  | UG/G  | 74.1% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11664008   |          | QT1458.0 | 8/23/96  | 0000029473 | 8/21/96  |
| SC-06606-S-MS | LEAD      | 124.00 |     | 0.31  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11664007MS |          | QT1458.0 | 8/23/96  | 0000029475 | 8/21/96  |
| SC-06606-S-SD | LEAD      | 13.70  |     | 0.37  | UG/G  | 33.9% | N/A | A     |      | EPA 7421 | SOIL          | METALS   | 2   | 06L169004  |          | WS1106.0 | 8/28/96  | 0000029476 | 8/21/96  |
| SC-06619-S    | LEAD      | 19.20  |     | 0.35  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11664022   |          | QT1458.0 | 8/23/96  | 0000024478 | 8/21/96  |
| SC-06619-S-DU | LEAD      | 16.60  |     | 0.36  | UG/G  | 3.7%  | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11664022DU |          | QT1458.0 | 8/23/96  | 0000029477 | 8/21/96  |
| SC-06619-S-EB | LEAD      | ND     |     | 2.100 | UG/L  | N/A   | N/A | 2.10U |      | EPA 7421 | SURFACE WATER | METALS   | 1   | 06L169006  |          | WS1106.0 | 8/28/96  | 0000029478 | 8/21/96  |
| SC-06619-S-FR | LEAD      | 12.20  |     | 0.33  | UG/G  | 44.6% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11664023   |          | QT1458.0 | 8/23/96  | 0000029479 | 8/21/96  |
| SC-06619-S-MS | LEAD      | 135.00 |     | 0.35  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11664022MS |          | QT1458.0 | 8/23/96  | 0000029481 | 8/21/96  |
| SC-06619-S-SD | LEAD      | 15.20  |     | 0.37  | UG/G  | 23.3% | N/A | A     |      | EPA 7421 | SOIL          | METALS   | 2   | 06L169006  |          | WS1106.0 | 8/28/96  | 0000029482 | 8/21/96  |
| SC-06713-S    | LEAD      | 16.60  |     | 0.32  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11660012   |          | QT1454.0 | 8/22/96  | 0000024491 | 8/19/96  |
| SC-06713-S-DU | LEAD      | 17     |     | 0.320 | UG/G  | 0.6%  | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11660012DU |          | QT1454.0 | 8/22/96  | 0000029483 | 8/19/96  |
| SC-06713-S-EB | LEAD      | ND     |     | 1.400 | UG/L  | N/A   | N/A | 1.40U |      | EPA 7421 | SURFACE WATER | METALS   | 1   | 06L169007  |          | WS1104.0 | 8/28/96  | 0000029484 | 8/19/96  |
| SC-06713-S-FR | LEAD      | 14     |     | 0.320 | UG/G  | 20.3% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11660013   |          | QT1454.0 | 8/22/96  | 0000029485 | 8/19/96  |
| SC-06713-S-MS | LEAD      | 122.00 |     | 0.32  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11660012MS |          | QT1454.0 | 8/22/96  | 0000029487 | 8/19/96  |
| SC-06713-S-SD | LEAD      | 13.10  |     | 0.34  | UG/G  | 24.7% | N/A | A     |      | EPA 7421 | SOIL          | METALS   | 2   | 06L169006  |          | WS1106.0 | 8/28/96  | 0000029488 | 8/19/96  |
| SC-06667-S    | LEAD      | 16.50  |     | 0.32  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11907007   |          | QT1461.0 | 8/24/96  | 0000024506 | 8/23/96  |
| SC-06607-S-DU | LEAD      | 17     |     | 0.320 | UG/G  | 8.0%  | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11907007DU |          | QT1461.0 | 8/24/96  | 0000029489 | 8/23/96  |
| SC-06607-S-EB | LEAD      | ND     |     | 0.600 | UG/L  | N/A   | N/A | *     |      | EPA CLP  | SURFACE WATER | METALS   | 1   | 06L077013  | U        | WS1110.0 | 8/12/96  | 0000029490 | 8/23/96  |
| SC-06607-S-FR | LEAD      | 19.10  |     | 0.32  | UG/G  | 3.2%  | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11907006   |          | QT1461.0 | 8/24/96  | 0000029491 | 8/23/96  |
| SC-06607-S-MS | LEAD      | 122.00 |     | 0.32  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11907007MS |          | QT1461.0 | 8/24/96  | 0000029493 | 8/23/96  |
| SC-06607-S-SD | LEAD      | 14.30  |     | 1.40  | UG/G  | 25.6% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 2   | 06L077014  |          | WS1110.0 | 8/12/96  | 0000029494 | 8/23/96  |
| SC-06901-S    | LEAD      | 101.00 |     | 0.32  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11662001   |          | QT1452.0 | 8/23/96  | 0000024521 | 8/19/96  |
| SC-06901-S-DU | LEAD      | 75.90  |     | 0.32  | UG/G  | 28.4% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11662001DU |          | QT1452.0 | 8/23/96  | 0000029495 | 8/19/96  |
| SC-06901-S-EB | LEAD      | ND     |     | 0.60  | UG/L  | N/A   | N/A | U     |      | EPA 7421 | SURFACE WATER | METALS   | 1   | 06L169009  |          | WS1106.0 | 8/28/96  | 0000029496 | 8/19/96  |
| SC-06901-S-FR | LEAD      | 48.90  |     | 0.32  | UG/G  | 69.5% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11662002   |          | QT1452.0 | 8/23/96  | 0000029497 | 8/19/96  |
| SC-06901-S-MS | LEAD      | 189.00 |     | 0.32  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11662001MS |          | QT1452.0 | 8/23/96  | 0000029499 | 8/19/96  |
| SC-06901-S-SD | LEAD      | 43.20  |     | 1.70  | UG/G  | 66.2% | N/A | A     |      | EPA 7421 | SOIL          | METALS   | 10  | 06L169010  |          | WS1106.0 | 8/28/96  | 0000029500 | 8/19/96  |
| SC-06911-S    | LEAD      | 14.70  |     | 0.33  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11661001   |          | QT1453.0 | 8/22/96  | 0000024538 | 8/19/96  |
| SC-06911-S-DU | LEAD      | 19.10  |     | 0.33  | UG/G  | 26.0% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11661001DU |          | QT1453.0 | 8/22/96  | 0000028501 | 8/19/96  |
| SC-06911-S-EB | LEAD      | ND     |     | 2.80  | UG/L  | N/A   | N/A | 2.80U |      | EPA 7421 | SURFACE WATER | METALS   | 1   | 06L169011  |          | WS1106.0 | 8/28/96  | 0000029502 | 8/19/96  |
| SC-06911-S-FR | LEAD      | 20.70  |     | 0.35  | UG/G  | 33.9% | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11661002   |          | QT1453.0 | 8/22/96  | 0000029503 | 8/19/96  |
| SC-06911-S-MS | LEAD      | 120.00 |     | 0.33  | UG/G  | N/A   | N/A | *     |      | EPA CLP  | SOIL          | METALS   | 1   | 11661001MS |          | QT1453.0 | 8/22/96  | 0000029505 | 8/19/96  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER | CONC   | ERR | DL    | UNITS | RPD   | DER | VAL<br>QUAL | METHOD    | MATRIX        | CATEGORY | DIL | LAB<br>ID  | LAB<br>QUAL | LAB<br>REQD | DATE<br>ANA | SAMPLE<br>NUM | DATE<br>SAM |
|---------------|-----------|--------|-----|-------|-------|-------|-----|-------------|-----------|---------------|----------|-----|------------|-------------|-------------|-------------|---------------|-------------|
| SC-06911-S-SD | LEAD      | 14.10  |     | 0.38  | UG/G  | 4.2%  | N/A | A           | EPA 7421  | SOIL          | METALS   | 2   | 08L819012  |             | WS1106.0    | 8/28/96     | 0000029506    | 8/19/96     |
| SC-06922-S    | LEAD      | 16.30  |     | 0.38  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 11861016   |             | QT1453.0    | 8/22/96     | 0000024550    | 8/19/96     |
| SC-06922-S-DU | LEAD      | 17.00  |     | 0.38  | UG/G  | 4.2%  | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 11861016DU |             | QT1453.0    | 8/22/96     | 0000029507    | 8/19/96     |
| SC-06922-S-EB | LEAD      | ND     |     | 0.80  | UG/L  | N/A   | N/A | 0.90U       | EPA 7421  | SURFACE WATER | METALS   | 1   | 08L819013  |             | WS1108.0    | 8/28/96     | 0000029508    | 8/19/96     |
| SC-06922-S-FR | LEAD      | 17.50  |     | 0.370 | UG/G  | 7.1%  | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 11861017   |             | QT1453.0    | 8/22/96     | 0000029509    | 8/19/96     |
| SC-06922-S-MS | LEAD      | 145.00 |     | 0.38  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 11861016MS |             | QT1453.0    | 8/22/96     | 0000029511    | 8/19/96     |
| SC-06922-S-SD | LEAD      | 13.60  |     | 0.39  | UG/G  | 18.1% | N/A | A           | EPA 7421  | SOIL          | METALS   | 2   | 08L819014  |             | WS1106.0    | 8/28/96     | 0000029512    | 8/19/96     |
| SC-07124-S    | LEAD      | 23.30  |     | 0.20  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 12352016   |             | QT2001.0    | 10/2/96     | 0000030432    | 10/1/96     |
| SC-07124-S-DU | LEAD      | 24     |     | 0.200 | UG/G  | 4.2%  | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 12352018DU |             | QT2001.0    | 10/2/96     | 0000030439    | 10/1/96     |
| SC-07124-S-EB | LEAD      | ND     |     | 1.500 | UG/L  | N/A   | N/A | *           | EPA 200.7 | SURFACE WATER | METALS   | 1   | 9610123-01 | U           | GE2005.0    | 10/9/96     | 0000030475    | 10/1/96     |
| SC-07124-S-FR | LEAD      | 27.90  |     | 0.19  | UG/G  | 18.0% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 12352017   |             | QT2001.0    | 10/2/96     | 0000030442    | 10/1/96     |
| SC-07124-S-MS | LEAD      | 108.00 |     | 0.20  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 12352018MS |             | QT2001.0    | 10/2/96     | 0000030438    | 10/1/96     |
| SC-07124-S-SD | LEAD      | 23.60  |     | 0.38  | UG/G  | 1.3%  | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 9610086-06 |             | GE2002.0    | 10/10/96    | 0000030456    | 10/1/96     |
| SC-07221-C    | LEAD      | 11.70  |     | 0.18  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 12364005   |             | QT2003.0    | 10/4/96     | 0000024635    | 10/2/96     |
| SC-07221-C-DU | LEAD      | 10     |     | 0.180 | UG/G  | 14.7% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 12364005DU |             | QT2003.0    | 10/4/96     | 0000030465    | 10/2/96     |
| SC-07221-C-EB | LEAD      | ND     |     | 1.500 | UG/L  | N/A   | N/A | *           | EPA 200.7 | SURFACE WATER | METALS   | 1   | 9610123-02 | U           | GE2005.0    | 10/9/96     | 0000030468    | 10/2/96     |
| SC-07221-C-FR | LEAD      | 17     |     | 0.190 | UG/G  | 38.1% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 12364006   |             | QT2003.0    | 10/4/96     | 0000030467    | 10/2/96     |
| SC-07221-C-MS | LEAD      | 120.00 |     | 0.18  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 12364005MS |             | QT2003.0    | 10/4/96     | 0000030464    | 10/2/96     |
| SC-07221-C-SD | LEAD      | 10.00  |     | 0.32  | UG/G  | 15.7% | N/A | *           | EPA 200.7 | SOIL          | METALS   | 1   | 9610123-03 |             | GE2005.0    | 10/10/96    | 0000030466    | 10/2/96     |
| SC-07317-S    | LEAD      | 27.90  |     | 0.31  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 12252001   |             | QT1497.0    | 9/24/96     | 0000024859    | 9/21/96     |
| SC-07317-S-DU | LEAD      | 25.90  |     | 0.31  | UG/G  | 7.4%  | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 12252001DU |             | QT1497.0    | 9/24/96     | 0000030243    | 9/21/96     |
| SC-07317-S-EB | LEAD      | 2.00   |     | 0.800 | UG/L  | N/A   | N/A | *           | EPA CLP   | SURFACE WATER | METALS   | 1   | 09L313001  | B           | WS1123.0    | 10/1/96     | 0000030242    | 9/21/96     |
| SC-07317-S-FR | LEAD      | 18.70  |     | 0.300 | UG/G  | 39.5% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 12252002   |             | QT1497.0    | 9/24/96     | 0000030244    | 9/21/96     |
| SC-07317-S-MS | LEAD      | 124.00 |     | 0.31  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 12252001MS |             | QT1497.0    | 9/24/96     | 0000030246    | 9/21/96     |
| SC-07317-S-SD | LEAD      | 22.40  |     | 1.70  | UG/G  | 21.9% | N/A | *           | EPA CLP   | SOIL          | METALS   | 10  | 09L313002  |             | WS1123.0    | 10/1/96     | 0000030247    | 9/21/96     |
| SC-07405-S    | LEAD      | 18.80  |     | 0.33  | UG/G  | N/A   | N/A | A           | EPA CLP   | SOIL          | METALS   | 1   | 11976008   |             | QT1472.0    | 8/31/96     | 0000024673    | 8/30/96     |
| SC-07405-S-DU | LEAD      | 18     |     | 0.330 | UG/G  | 5.5%  | N/A | A           | EPA CLP   | SOIL          | METALS   | 1   | 11976008DU |             | QT1472.0    | 8/31/96     | 0000029733    | 8/30/96     |
| SC-07405-S-EB | LEAD      | ND     |     | 0.80  | UG/L  | N/A   | N/A | *           | EPA CLP   | SURFACE WATER | METALS   | 1   | 09L077015  | U           | WS1110.0    | 9/12/96     | 0000029909    | 8/30/96     |
| SC-07405-S-FR | LEAD      | 9      |     | 0.320 | UG/G  | 67.6% | N/A | J           | EPA CLP   | SOIL          | METALS   | 1   | 11976009   |             | QT1472.0    | 8/31/96     | 0000028736    | 8/30/96     |
| SC-07405-S-MS | LEAD      | 121.00 |     | 0.33  | UG/G  | N/A   | N/A | A           | EPA CLP   | SOIL          | METALS   | 1   | 11976009MS |             | QT1472.0    | 8/31/96     | 0000028734    | 8/30/96     |
| SC-07405-S-SD | LEAD      | 10.70  |     | 1.50  | UG/G  | 53.9% | N/A | *           | EPA CLP   | SOIL          | METALS   | 2   | 09L077016  |             | WS1110.0    | 9/12/96     | 0000028934    | 8/30/96     |
| SC-07428-S    | LEAD      | 16.30  |     | 0.34  | UG/G  | N/A   | N/A | J           | EPA CLP   | SOIL          | METALS   | 1   | 11976028   |             | QT1472.0    | 9/1/96      | 0000024894    | 8/30/96     |
| SC-07428-S-DU | LEAD      | 10.20  |     | 0.34  | UG/G  | 46.0% | N/A | J           | EPA CLP   | SOIL          | METALS   | 1   | 11976029DU |             | QT1472.0    | 9/1/96      | 0000028738    | 8/30/96     |
| SC-07428-S-EB | LEAD      | 7.20   |     | 0.80  | UG/L  | N/A   | N/A | *           | EPA CLP   | SURFACE WATER | METALS   | 1   | 09L077017  |             | WS1110.0    | 9/12/96     | 0000028835    | 8/30/96     |
| SC-07428-S-FR | LEAD      | 13.00  |     | 0.330 | UG/G  | 22.6% | N/A | J           | EPA CLP   | SOIL          | METALS   | 1   | 11976030   |             | QT1472.0    | 9/1/96      | 0000028739    | 8/30/96     |
| SC-07428-S-MS | LEAD      | 123.00 |     | 0.34  | UG/G  | N/A   | N/A | J           | EPA CLP   | SOIL          | METALS   | 1   | 11976029MS |             | QT1472.0    | 9/1/96      | 0000029737    | 8/30/96     |
| SC-07428-S-SD | LEAD      | 31.80  |     | 3.40  | UG/G  | 84.7% | N/A | *           | EPA CLP   | SOIL          | METALS   | 5   | 09L077018  |             | WS1110.0    | 9/12/96     | 0000029836    | 8/30/96     |
| SC-07518-S    | LEAD      | 12.00  |     | 0.35  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 12017007   |             | QT1474.0    | 9/6/96      | 0000024713    | 9/5/96      |
| SC-07518-S-DU | LEAD      | 11.10  |     | 0.35  | UG/G  | 7.8%  | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 12017007DU |             | QT1474.0    | 9/6/96      | 0000029828    | 9/5/96      |
| SC-07518-S-EB | LEAD      | 2.50   |     | 0.60  | UG/L  | N/A   | N/A | *           | EPA CLP   | SURFACE WATER | METALS   | 1   | 09L099001  | B           | WS1112.0    | 9/15/96     | 0000029970    | 9/5/96      |
| SC-07518-S-FR | LEAD      | 11.40  |     | 0.34  | UG/G  | 5.1%  | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 12017008   |             | QT1474.0    | 9/6/96      | 0000029830    | 9/5/96      |
| SC-07518-S-MS | LEAD      | 128.00 |     | 0.35  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 12017007MS |             | QT1474.0    | 9/6/96      | 0000029827    | 9/5/96      |
| SC-07518-S-SD | LEAD      | 14.50  |     | 0.30  | UG/G  | 18.9% | N/A | *           | EPA CLP   | SOIL          | METALS   | 2   | 09L099002  |             | WS1112.0    | 9/17/96     | 0000029971    | 9/5/96      |
| SC-07613-S    | LEAD      | 11.80  |     | 0.34  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 11967004   |             | QT1471.0    | 8/31/96     | 0000024734    | 8/29/96     |
| SC-07613-S-DU | LEAD      | 9.80   |     | 0.34  | UG/G  | 20.6% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 11967004DU |             | QT1471.0    | 8/31/96     | 0000029702    | 8/29/96     |
| SC-07613-S-EB | LEAD      | 2      |     | 0.800 | UG/L  | N/A   | N/A | *           | EPA CLP   | SURFACE WATER | METALS   | 1   | 09L077019  | B           | WS1110.0    | 9/12/96     | 0000029937    | 8/29/96     |
| SC-07613-S-FR | LEAD      | 19.20  |     | 0.33  | UG/G  | 47.7% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 11967005   |             | QT1471.0    | 8/31/96     | 0000029703    | 8/29/96     |
| SC-07613-S-MS | LEAD      | 123.00 |     | 0.34  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 11967004MS |             | QT1471.0    | 8/31/96     | 0000029700    | 8/29/96     |
| SC-07613-S-SD | LEAD      | 16.10  |     | 1.50  | UG/G  | 30.8% | N/A | *           | EPA CLP   | SOIL          | METALS   | 2   | 09L077020  |             | WS1110.0    | 9/13/96     | 0000029938    | 8/29/96     |
| SC-07709-S    | LEAD      | 17.90  |     | 0.34  | UG/G  | N/A   | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 11959008   |             | QT1468.0    | 8/30/96     | 0000024762    | 8/28/96     |
| SC-07709-S-DU | LEAD      | 13.80  |     | 0.34  | UG/G  | 25.9% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 11959008DU |             | QT1468.0    | 8/30/96     |               | 8/28/96     |
| SC-07709-S-EB | LEAD      | 4.20   |     | 0.800 | UG/L  | N/A   | N/A | *           | EPA CLP   | SURFACE WATER | METALS   | 1   | 09L077021  |             | WS1110.0    | 9/12/96     | 0000029939    | 8/28/96     |
| SC-07709-S-FR | LEAD      | 7.80   |     | 0.32  | UG/G  | 78.8% | N/A | *           | EPA CLP   | SOIL          | METALS   | 1   | 11858008   |             | QT1468.0    | 8/30/96     | 0000029881    | 8/28/96     |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER  | CONC   | ERR  | DL    | UNITS | RPO    | DER  | VAL | METHOD    | MATRIX        | CATEGORY      | DIL | LAB ID     | LAB QUAL | LAB REQD | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|------------|--------|------|-------|-------|--------|------|-----|-----------|---------------|---------------|-----|------------|----------|----------|----------|------------|----------|
| SC-07708-S-MB | LEAD       | 124.00 |      | 0.34  | UG/G  | N/A    | N/A  | *   | EPA CLP   | SOIL          | METALS        | 1   | 11950006MS |          | QT1468.0 | 8/30/98  |            | 8/28/98  |
| SC-07708-S-SD | LEAD       | 19.30  |      | 3.60  | UG/G  | 7.5%   | N/A  | *   | EPA CLP   | SOIL          | METALS        | 5   | 08L077022  |          | WS1110.0 | 8/12/98  | 0000029540 | 8/28/98  |
| SC-05102-S    | RADIUM-226 | 1.82   | 0.11 | 0.34  | PC/G  | N/A    | N/A  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3575    |          | WP0136.0 | 10/24/98 | 0000023844 | 9/8/98   |
| SC-05102-S-DU | RADIUM-226 | 2      | 0    | 0.360 | PC/G  | 4.4%   | 0.28 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3575DU  |          | WP0136.0 | 10/24/98 | 0000023952 | 9/8/98   |
| SC-05102-S-EB | RADIUM-226 | 0.06   | 0.12 | 0.365 | PC/L  | N/A    | N/A  | *   | EPA 903.0 | GROUNDWATER   | RADIOCHEMICAL | 1   | 8609048-04 | U        | TO0079.0 | 8/13/98  | 0000028972 | 9/8/98   |
| SC-05102-S-FR | RADIUM-226 | 1.55   | 0.13 | 0.410 | PC/G  | 4.4%   | 0.29 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3575    |          | WP0136.0 | 10/24/98 | 0000029953 | 9/8/98   |
| SC-05102-S-SD | RADIUM-226 | 0.26   | 0.12 | 0.06  | PC/G  | 145.4% | 1.51 | *   | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 8609048-04 |          | TO0079.0 | 8/13/98  | 0000029973 | 9/8/98   |
| SC-05116-C    | RADIUM-226 | 1.48   | 0.10 | 0.26  | PC/G  | N/A    | N/A  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3685    |          | WP0136.0 | 10/25/98 | 0000023887 | 9/8/98   |
| SC-05116-C-EB | RADIUM-226 | 0.07   | 0.10 | 0.30  | PC/L  | N/A    | N/A  | *   | EPA 903.0 | GROUNDWATER   | RADIOCHEMICAL | 1   | 8609048-05 | U        | TO0079.0 | 8/13/98  | 0000028974 | 9/8/98   |
| SC-05116-C-SD | RADIUM-226 | 0.56   | 0.19 | 0.07  | PC/G  | 69.7%  | 1.87 | *   | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 8609048-05 |          | TO0079.0 | 8/13/98  | 0000029975 | 9/8/98   |
| SC-05214-S    | RADIUM-226 | 1.08   | 0.10 | 0.35  | PC/G  | N/A    | N/A  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3784    |          | WP0144.0 | 10/28/98 | 0000023888 | 9/18/98  |
| SC-05214-S-DU | RADIUM-226 | 1      | 0    | 0.360 | PC/G  | 3.6%   | 0.20 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3784DU  |          | WP0144.0 | 10/28/98 | 0000030155 | 9/18/98  |
| SC-05214-S-EB | RADIUM-226 | 0.06   | 0.11 | 0.28  | PC/L  | N/A    | N/A  | *   | EPA 903.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 8609147-04 | U        | TO0085.0 | 8/25/98  | 0000030156 | 9/18/98  |
| SC-05214-S-FR | RADIUM-226 | 1.16   | 0.12 | 0.38  | PC/G  | 8.2%   | 0.32 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3785    |          | WP0144.0 | 10/28/98 | 0000030167 | 9/18/98  |
| SC-05214-S-SD | RADIUM-226 | 0.34   | 0.14 | 0.08  | PC/G  | 105.9% | 1.05 | *   | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 8609148-04 |          | TO0087.0 | 8/25/98  | 0000030168 | 9/18/98  |
| SC-05418-S    | RADIUM-226 | 0.78   | 0.06 | 0.29  | PC/G  | N/A    | N/A  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3785    |          | WP0145.0 | 10/28/98 | 0000023730 | 9/18/98  |
| SC-05418-S-EB | RADIUM-226 | 0.11   | 0.12 | 0.23  | PC/L  | N/A    | N/A  | *   | EPA 903.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 8609147-05 | U        | TO0085.0 | 8/25/98  | 0000030185 | 9/18/98  |
| SC-05418-S-FR | RADIUM-226 | 0.90   | 0.12 | 0.45  | PC/G  | 14.3%  | 0.60 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3785    |          | WP0145.0 | 10/28/98 | 0000030189 | 9/18/98  |
| SC-05418-S-SD | RADIUM-226 | 0.18   | 0.18 | 0.12  | PC/G  | 131.6% | 0.78 | *   | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 8609148-05 | J        | TO0087.0 | 8/25/98  | 0000030190 | 9/18/98  |
| SC-05704-S    | RADIUM-226 | 1.09   | 0.12 | 0.38  | PC/G  | N/A    | N/A  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3260    |          | WP0125.0 | 9/25/98  | 0000023785 | 8/21/98  |
| SC-05704-S-DU | RADIUM-226 | 1.68   | 0.14 | 0.40  | PC/G  | 36.7%  | 1.68 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3260DU  |          | WP0125.0 | 9/25/98  | 0000029446 | 8/21/98  |
| SC-05704-S-EB | RADIUM-226 | 0      | 0    | 0.291 | PC/L  | N/A    | N/A  | *   | EPA 903.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 8609173-05 |          | TO0071.0 | 8/27/98  | 0000029451 | 8/21/98  |
| SC-05704-S-FR | RADIUM-226 | 1.28   | 0.10 | 0.340 | PC/G  | 16.0%  | 0.86 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3270    |          | WP0125.0 | 9/25/98  | 0000029447 | 8/21/98  |
| SC-06002-S    | RADIUM-226 | 0.84   | 0.09 | 0.26  | PC/G  | N/A    | N/A  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3381    |          | WP0130.0 | 9/30/98  | 0000024088 | 8/23/98  |
| SC-06002-S-DU | RADIUM-226 | 1.05   | 0.09 | 0.28  | PC/G  | 11.1%  | 0.61 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3381DU  |          | WP0130.0 | 10/17/98 | 0000029491 | 8/23/98  |
| SC-06002-S-EB | RADIUM-226 | 0.18   | 0.18 | 0.270 | PC/L  | N/A    | N/A  | *   | EPA 903.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 8609042-07 | U        | TO0075.0 | 8/11/98  | 0000020458 | 8/23/98  |
| SC-06002-S-FR | RADIUM-226 | 1.20   | 0.12 | 0.350 | PC/G  | 24.3%  | 1.24 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3382    |          | WP0130.0 | 9/30/98  | 0000029493 | 8/23/98  |
| SC-06001-S    | RADIUM-226 | 1.58   | 0.11 | 0.35  | PC/G  | N/A    | N/A  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3684    |          | WP0149.0 | 11/10/98 | 0000024109 | 9/30/98  |
| SC-06001-S-DU | RADIUM-226 | 1.84   | 0.10 | 0.34  | PC/G  | 3.7%   | 0.29 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3684DU  |          | WP0149.0 | 11/10/98 | 0000029575 | 9/30/98  |
| SC-06001-S-EB | RADIUM-226 | 0.42   | 0.34 | 0.190 | PC/L  | N/A    | N/A  | *   | EPA 903.1 | WATER         | RADIOCHEMICAL | 1   | 9810088-01 | J        | GE2002.0 | 10/4/98  | 0000030480 | 9/30/98  |
| SC-06001-S-FR | RADIUM-226 | 1.55   | 0.13 | 0.35  | PC/G  | 1.0%   | 0.13 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3685    |          | WP0149.0 | 11/10/98 | 0000029573 | 9/30/98  |
| SC-06001-S-SD | RADIUM-226 | 1.61   | 0.85 | 0.80  | PC/G  | 13.6%  | 1.77 | *   | EPA 903.1 | SOIL          | RADIOCHEMICAL | 1   | 9810088-02 | B        | GE2002.0 | 10/12/98 | 0000030498 | 9/30/98  |
| SC-06101-S    | RADIUM-226 | 1.17   | 0.11 | 0.30  | PC/G  | N/A    | N/A  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3797    |          | WP0148.0 | 10/30/98 | 0000024130 | 9/19/98  |
| SC-06101-S-DU | RADIUM-226 | 1      | 0    | 0.380 | PC/G  | 0.8%   | 0.04 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3797DU  |          | WP0148.0 | 10/30/98 | 0000029582 | 9/19/98  |
| SC-06101-S-EB | RADIUM-226 | 0.18   | 0.18 | 0.20  | PC/L  | N/A    | N/A  | *   | EPA 903.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 8609147-08 | J        | TO0085.0 | 9/25/98  | 0000029577 | 9/19/98  |
| SC-06101-S-FR | RADIUM-226 | 1.07   | 0.09 | 0.27  | PC/G  | 8.8%   | 0.50 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3798    |          | WP0148.0 | 10/30/98 | 0000029581 | 9/19/98  |
| SC-06101-S-SD | RADIUM-226 | 0.15   | 0.10 | 0.08  | PC/G  | 154.3% | 0.89 | *   | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 8609148-08 | J        | TO0087.0 | 8/25/98  | 0000029678 | 9/19/98  |
| SC-06203-S    | RADIUM-226 | 1.54   | 0.14 | 0.48  | PC/G  | N/A    | N/A  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4139    |          | WP0160.0 | 11/18/98 | 0000024151 | 10/8/98  |
| SC-06203-S-DU | RADIUM-226 | 2      | 0    | 0.230 | PC/G  | 5.7%   | 0.35 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4139DU  |          | WP0160.0 | 11/18/98 | 0000029588 | 10/8/98  |
| SC-06203-S-EB | RADIUM-226 | 0.87   | 0.44 | 0.41  | PC/L  | N/A    | N/A  | *   | EPA 903.1 | SURFACE WATER | RADIOCHEMICAL | 1   | 9610283-01 |          | GE2011.0 | 10/21/98 | 0000029583 | 10/8/98  |
| SC-06203-S-FR | RADIUM-226 | 1.55   | 0.10 | 0.27  | PC/G  | 0.8%   | 0.04 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4140    |          | WP0160.0 | 11/18/98 | 0000029587 | 10/8/98  |
| SC-06203-S-SD | RADIUM-226 | 1.38   | 0.22 | 0.10  | PC/G  | 11.0%  | 0.28 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | 9610282-01 |          | GE2012.0 | 11/11/98 | 0000029584 | 10/8/98  |
| SC-06218-S    | RADIUM-226 | 1.58   | 0.10 | 0.30  | PC/G  | N/A    | N/A  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4151    |          | WP0180.0 | 11/18/98 | 0000024185 | 10/8/98  |
| SC-06218-S-DU | RADIUM-226 | 1.60   | 0.11 | 0.34  | PC/G  | 5.2%   | 0.38 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4151DU  |          | WP0180.0 | 11/18/98 | 0000029593 | 10/8/98  |
| SC-06218-S-EB | RADIUM-226 | 0.32   | 0.35 | 0.48  | PC/L  | N/A    | N/A  | *   | EPA 903.1 | SURFACE WATER | RADIOCHEMICAL | 1   | 9610283-03 | U        | GE2011.0 | 10/21/98 | 0000029589 | 10/8/98  |
| SC-06218-S-FR | RADIUM-226 | 2      | 0    | 0.340 | PC/G  | 7.3%   | 0.50 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4152    |          | WP0180.0 | 11/18/98 | 0000029594 | 10/8/98  |
| SC-06218-S-SD | RADIUM-226 | 1.11   | 0.18 | 0.07  | PC/G  | 34.9%  | 0.88 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | 9610282-02 |          | GE2012.0 | 11/11/98 | 0000029590 | 10/8/98  |
| SC-06317-S    | RADIUM-226 | 1.24   | 0.10 | 0.26  | PC/G  | N/A    | N/A  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3813    |          | WP0148.0 | 11/4/98  | 0000024185 | 9/19/98  |
| SC-06317-S-DU | RADIUM-226 | 1.29   | 0.10 | 0.31  | PC/G  | 4.0%   | 0.25 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3813DU  |          | WP0148.0 | 11/4/98  | 0000029597 | 9/19/98  |
| SC-06317-S-EB | RADIUM-226 | 0      | 0    | 0.261 | PC/L  | N/A    | N/A  | *   | EPA 903.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 8609147-07 | J        | TO0086.0 | 9/25/98  | 0000028685 | 9/19/98  |
| SC-06317-S-FR | RADIUM-226 | 1      | 0    | 0.410 | PC/G  | 4.0%   | 0.22 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3814    |          | WP0148.0 | 11/4/98  | 0000029598 | 9/19/98  |
| SC-06317-S-SD | RADIUM-226 | 0.32   | 0.16 | 0.11  | PC/G  | 118.6% | 1.37 | *   | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 8609148-07 |          | TO0067.0 | 9/25/98  | 0000029596 | 9/19/98  |
| SC-06408-C    | RADIUM-226 | 1.22   | 0.13 | 0.43  | PC/G  | N/A    | N/A  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3835    |          | WP0147.0 | 11/15/98 | 0000024204 | 9/19/98  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER  | CONC | ERR  | DL    | UNITS | RPD    | DER  | VAL QUAL | METHOD    | MATRIX        | CATEGORY      | DIL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|------------|------|------|-------|-------|--------|------|----------|-----------|---------------|---------------|-----|------------|----------|----------|----------|------------|----------|
| SC-06408-C-DU | RADIUM-226 | 1.22 | 0.11 | 0.32  | PCU/G | 0.0%   | 0.00 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3838DU  |          | WP0147.0 | 11/15/96 | 0000029603 | 9/19/96  |
| SC-06408-C-EB | RADIUM-226 | 0.12 | 0.14 | 0.221 | PCU/L | N/A    | N/A  | *        | EPA 903.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609147-06 | U        | TO0086.0 | 8/25/96  | 0000029601 | 9/19/96  |
| SC-06408-C-FR | RADIUM-226 | 1.20 | 0.12 | 0.390 | PCU/G | 1.7%   | 0.08 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3837    |          | WP0147.0 | 11/8/96  | 0000029604 | 9/19/96  |
| SC-06408-C-SD | RADIUM-226 | 0.28 | 0.12 | 0.09  | PCU/G | 130.2% | 0.91 | *        | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 9609148-08 |          | TO0087.0 | 8/25/96  | 0000029602 | 9/19/96  |
| SC-06422-S    | RADIUM-226 | 1.49 | 0.11 | 0.30  | PCU/G | N/A    | N/A  | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3857    |          | WP0147.0 | 11/9/96  | 0000024229 | 9/19/96  |
| SC-06422-S-DU | RADIUM-226 | 1.54 | 0.10 | 0.31  | PCU/G | 3.3%   | 0.24 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3857DU  |          | WP0147.0 | 11/9/96  | 0000029609 | 9/19/96  |
| SC-06422-S-EB | RADIUM-226 | 0.16 | 0.16 | 0.105 | PCU/L | N/A    | N/A  | *        | EPA 903.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609147-09 | J        | TO0086.0 | 8/25/96  | 0000029607 | 9/19/96  |
| SC-06422-S-FR | RADIUM-226 | 2    | 0    | 0.330 | PCU/G | 0.7%   | 0.04 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3858    |          | WP0147.0 | 11/9/96  | 0000029610 | 9/19/96  |
| SC-06422-S-SD | RADIUM-226 | 0.39 | 0.18 | 0.12  | PCU/G | 117.0% | 1.55 | *        | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 9609148-09 |          | TO0087.0 | 8/25/96  | 0000029606 | 9/19/96  |
| SC-06512-S    | RADIUM-226 | 1.49 | 0.12 | 0.30  | PCU/G | N/A    | N/A  | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3434    |          | WP0132.0 | 9/30/96  | 0000024411 | 8/28/96  |
| SC-06512-S-FR | RADIUM-226 | 1    | 0    | 0.300 | PCU/G | 15.2%  | 0.95 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3435    |          | WP0132.0 | 9/30/96  | 0000029618 | 8/28/96  |
| SC-06512-S-SD | RADIUM-226 | 0.44 | 0.16 | 0.08  | PCU/G | 109.3% | 1.40 | *        | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 9609043-09 |          | TO0076.0 | 8/8/96   | 0000029614 | 8/28/96  |
| SC-06806-S    | RADIUM-226 | 1.43 | 0.10 | 0.36  | PCU/G | N/A    | N/A  | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3295    |          | WP0128.0 | 9/25/96  | 0000024481 | 8/21/96  |
| SC-06806-S-DU | RADIUM-226 | 1.50 | 0.10 | 0.28  | PCU/G | 4.8%   | 0.35 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3295DU  |          | WP0128.0 | 10/10/96 | 0000029471 | 8/21/96  |
| SC-06806-S-EB | RADIUM-226 | 0.13 | 0.15 | 0.23  | PCU/L | N/A    | N/A  | *        | EPA 903.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9608173-07 |          | TO0071.0 | 8/27/96  | 0000029472 | 8/21/96  |
| SC-06806-S-FR | RADIUM-226 | 1.56 | 0.13 | 0.430 | PCU/G | 6.7%   | 0.57 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3298    |          | WP0128.0 | 9/25/96  | 0000029473 | 8/21/96  |
| SC-06806-S-SD | RADIUM-226 | 0.21 | 0.11 | 0.09  | PCU/G | 149.0% | 1.38 | *        | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 9608172-07 |          | TO0071.0 | 8/27/96  | 0000029475 | 8/21/96  |
| SC-06819-S    | RADIUM-226 | 1.32 | 0.13 | 0.41  | PCU/G | N/A    | N/A  | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3311    |          | WP0128.0 | 9/26/96  | 0000024478 | 8/21/96  |
| SC-06819-S-DU | RADIUM-226 | 2    | 0    | 0.300 | PCU/G | 13.4%  | 0.93 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3311DU  |          | WP0128.0 | 10/10/96 | 0000029477 | 8/21/96  |
| SC-06819-S-EB | RADIUM-226 | 0.21 | 0.21 | 0.48  | PCU/L | N/A    | N/A  | *        | EPA 903.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9608173-08 |          | TO0071.0 | 8/27/96  | 0000029478 | 8/21/96  |
| SC-06819-S-FR | RADIUM-226 | 1.38 | 0.10 | 0.32  | PCU/G | 5.2%   | 0.30 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3312    |          | WP0128.0 | 9/26/96  | 0000029479 | 8/21/96  |
| SC-06819-S-SD | RADIUM-226 | 0.45 | 0.17 | 0.12  | PCU/G | 97.8%  | 1.16 | *        | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 9608172-08 |          | TO0071.0 | 8/27/96  | 0000029480 | 8/21/96  |
| SC-07124-S    | RADIUM-226 | 1.45 | 0.14 | 0.37  | PCU/G | N/A    | N/A  | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3940    |          | WP0152.0 | 11/11/96 | 0000030432 | 10/1/96  |
| SC-07124-S-DU | RADIUM-226 | 2    | 0    | 0.280 | PCU/G | 9.2%   | 0.61 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3940DU  |          | WP0152.0 | 11/11/96 | 0000030436 | 10/1/96  |
| SC-07124-S-EB | RADIUM-226 | 0.59 | 0.41 | 0.20  | PCU/L | N/A    | N/A  | *        | EPA 903.1 | SURFACE WATER | RADIOCHEMICAL | 1   | 9610123-01 |          | GE2005.0 | 10/12/96 | 0000030475 | 10/1/96  |
| SC-07124-S-FR | RADIUM-226 | 1.60 | 0.11 | 0.31  | PCU/G | 9.8%   | 0.60 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3641    |          | WP0152.0 | 11/11/96 | 0000030442 | 10/1/96  |
| SC-07124-S-SD | RADIUM-226 | 1.91 | 0.53 | 0.64  | PCU/G | 27.4%  | 2.74 | *        | EPA 903.1 | SOIL          | RADIOCHEMICAL | 1   | 9610086-05 | B        | GE2002.0 | 10/12/96 | 0000030455 | 10/1/96  |
| SC-07129-S    | RADIUM-226 | 1.31 | 0.13 | 0.34  | PCU/G | N/A    | N/A  | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3441    |          | WP0132.0 | 9/30/96  | 0000024617 | 8/28/96  |
| SC-07129-S-DU | RADIUM-226 | 1.42 | 0.13 | 0.35  | PCU/G | 8.1%   | 0.42 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3441DU  |          | WP0132.0 | 9/30/96  | 0000031511 | 8/28/96  |
| SC-07130-S    | RADIUM-226 | 1.39 | 0.10 | 0.31  | PCU/G | N/A    | N/A  | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3442    |          | WP0132.0 | 9/30/96  | 0000024618 | 8/28/96  |
| SC-07130-S-DU | RADIUM-226 | 1.36 | 0.10 | 0.33  | PCU/G | 2.2%   | 0.15 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3442DU  |          | WP0132.0 | 9/30/96  | 0000031512 | 8/28/96  |
| SC-07221-C    | RADIUM-226 | 1.19 | 0.09 | 0.31  | PCU/G | N/A    | N/A  | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4003    |          | WP0154.0 | 11/11/96 | 0000024635 | 10/2/96  |
| SC-07221-C-DU | RADIUM-226 | 1.02 | 0.09 | 0.29  | PCU/G | 7.5%   | 0.44 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4003DU  |          | WP0154.0 | 11/12/96 | 0000030465 | 10/2/96  |
| SC-07221-C-EB | RADIUM-226 | 1    | 1    | 0.427 | PCU/L | N/A    | N/A  | *        | EPA 903.1 | SURFACE WATER | RADIOCHEMICAL | 1   | 9610123-02 |          | GE2005.0 | 10/12/96 | 0000030468 | 10/2/96  |
| SC-07221-C-FR | RADIUM-226 | 1.15 | 0.11 | 0.240 | PCU/G | 4.4%   | 0.25 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4004    |          | WP0154.0 | 11/12/96 | 0000030467 | 10/2/96  |
| SC-07221-C-SD | RADIUM-226 | 1.74 | 0.79 | 0.74  | PCU/G | 45.1%  | 5.83 | *        | EPA 903.1 | SOIL          | RADIOCHEMICAL | 1   | 9610123-03 |          | GE2005.0 | 10/12/96 | 0000030469 | 10/2/96  |
| SC-07317-S    | RADIUM-226 | 1.37 | 0.12 | 0.31  | PCU/G | N/A    | N/A  | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3877    |          | WP0148.0 | 11/8/96  | 0000024658 | 9/21/96  |
| SC-07317-S-DU | RADIUM-226 | 2    | 0    | 0.400 | PCU/G | 10.4%  | 0.60 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3877DU  |          | WP0148.0 | 11/9/96  | 0000030243 | 9/21/96  |
| SC-07317-S-EB | RADIUM-226 | 0.24 | 0.24 | 0.481 | PCU/L | N/A    | N/A  | *        | EPA 903.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609150-04 | J        | TO0088.0 | 8/26/96  | 0000030242 | 9/21/96  |
| SC-07317-S-FR | RADIUM-226 | 1.40 | 0.10 | 0.38  | PCU/G | 2.2%   | 0.14 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3878    |          | WP0148.0 | 11/9/96  | 0000030244 | 9/21/96  |
| SC-07317-S-SD | RADIUM-226 | 0.14 | 0.09 | 0.08  | PCU/G | 182.4% | 0.92 | *        | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 9609151-04 | J        | TO0089.0 | 8/26/96  | 0000030247 | 9/21/96  |
| SC-07405-S    | RADIUM-226 | 1.21 | 0.12 | 0.29  | PCU/G | N/A    | N/A  | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3525    |          | WP0136.0 | 10/22/96 | 0000024673 | 8/30/96  |
| SC-07405-S-DU | RADIUM-226 | 1.61 | 0.13 | 0.38  | PCU/G | 28.4%  | 1.60 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3525DU  |          | WP0136.0 | 10/22/96 | 0000029733 | 8/30/96  |
| SC-07405-S-FR | RADIUM-226 | 1.20 | 0.08 | 0.320 | PCU/G | 0.8%   | 0.05 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3526    |          | WP0136.0 | 10/22/96 | 0000029736 | 8/30/96  |
| SC-07405-S-SD | RADIUM-226 | 0.30 | 0.13 | 0.07  | PCU/G | 120.3% | 1.00 | *        | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 9609043-11 |          | TO0076.0 | 9/9/96   | 0000029934 | 8/30/96  |
| SC-07426-S    | RADIUM-226 | 1.33 | 0.13 | 0.34  | PCU/G | N/A    | N/A  | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3547    |          | WP0136.0 | 10/24/96 | 0000024694 | 8/30/96  |
| SC-07426-S-DU | RADIUM-226 | 1.20 | 0.10 | 0.34  | PCU/G | 10.3%  | 0.57 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3547DU  |          | WP0136.0 | 10/24/96 | 0000029738 | 8/30/96  |
| SC-07426-S-FR | RADIUM-226 | 1.43 | 0.13 | 0.30  | PCU/G | 7.2%   | 0.38 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3548    |          | WP0136.0 | 10/24/96 | 0000029739 | 8/30/96  |
| SC-07426-S-SD | RADIUM-226 | 0.44 | 0.17 | 0.11  | PCU/G | 100.4% | 1.16 | *        | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 9609043-12 |          | TO0076.0 | 9/9/96   | 0000029838 | 8/30/96  |
| SC-07519-S    | RADIUM-226 | 1.27 | 0.09 | 0.22  | PCU/G | N/A    | N/A  | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3572    |          | WP0137.0 | 10/24/96 | 0000024713 | 8/5/96   |
| SC-07519-S-DU | RADIUM-226 | 1.44 | 0.13 | 0.35  | PCU/G | 12.5%  | 0.77 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3572DU  |          | WP0137.0 | 10/24/96 | 0000029928 | 8/5/96   |
| SC-07519-S-EB | RADIUM-226 | 7.46 | 1.23 | 0.215 | PCU/L | N/A    | N/A  | *        | EPA 903.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609048-06 |          | TO0078.0 | 8/13/96  | 0000029970 | 8/5/96   |
| SC-07519-S-FR | RADIUM-226 | 0.93 | 0.12 | 0.44  | PCU/G | 30.9%  | 1.62 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3573    |          | WP0137.0 | 10/24/96 | 0000029930 | 8/5/96   |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER  | CONC | ERR  | DL    | UNITS | RPD    | DER   | VAL | METHOD    | MATRIX        | CATEGORY      | DIL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|------------|------|------|-------|-------|--------|-------|-----|-----------|---------------|---------------|-----|------------|----------|----------|----------|------------|----------|
| SC-07519-S-SD | RADIUM-226 | 0.29 | 0.15 | 0.13  | PC/G  | 125.4% | 1.90  | *   | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 9809049-08 |          | TO0079.0 | 9/13/98  | 0000029671 | 9/5/98   |
| SC-07613-S    | RADIUM-226 | 1.36 | 0.09 | 0.24  | PC/G  | N/A    | N/A   | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3506    |          | WP0135.0 | 10/21/98 | 0000024734 | 8/29/98  |
| SC-07613-S-DU | RADIUM-226 | 1.24 | 0.09 | 0.28  | PC/G  | 9.2%   | 0.87  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3508DU  |          | WP0135.0 | 10/21/98 | 0000029702 | 8/29/98  |
| SC-07613-S-FR | RADIUM-226 | 1.47 | 0.13 | 0.400 | PC/G  | 7.8%   | 0.50  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3508    |          | WP0135.0 | 10/21/98 | 0000029703 | 8/29/98  |
| SC-07613-S-SD | RADIUM-226 | 0.28 | 0.13 | 0.10  | PC/G  | 136.6% | 1.68  | *   | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 9809043-13 |          | TO0078.0 | 8/8/98   | 0000029838 | 8/29/98  |
| SC-07709-S    | RADIUM-226 | 1.35 | 0.12 | 0.29  | PC/G  | N/A    | N/A   | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3462    |          | WP0132.0 | 8/30/98  | 0000024752 | 8/29/98  |
| SC-07709-S-FR | RADIUM-226 | 1.31 | 0.09 | 0.30  | PC/G  | 3.0%   | 0.18  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3453    |          | WP0132.0 | 8/30/98  | 0000029891 | 8/29/98  |
| SC-07709-S-SD | RADIUM-226 | 0.34 | 0.14 | 0.06  | PC/G  | 119.7% | 1.15  | *   | EPA 903.0 | SOIL          | RADIOCHEMICAL | 1   | 9809043-14 |          | TO0078.0 | 9/10/98  | 0000029940 | 8/29/98  |
| SC-05102-S    | RADIUM-226 | 1.55 | 0.16 | 0.58  | PC/G  | N/A    | N/A   | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3876    |          | WP0138.0 | 10/24/98 | 0000023844 | 8/8/98   |
| SC-05102-S-DU | RADIUM-226 | 2    | 0    | 0.530 | PC/G  | 8.2%   | 0.43  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3575DU  |          | WP0138.0 | 10/24/98 | 0000029962 | 8/8/98   |
| SC-05102-S-EB | RADIUM-226 | 1.83 | 2.08 | 4.77  | PC/L  | N/A    | N/A   | *   | EPA 904.0 | GROUNDWATER   | RADIOCHEMICAL | 1   | 9809048-04 | U        | TO0079.0 | 9/17/98  | 0000029972 | 8/8/98   |
| SC-05102-S-FR | RADIUM-226 | ND   |      | 1.18  | PC/G  | NOTE1  | NOTE1 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3578    |          | WP0138.0 | 10/24/98 | 0000029953 | 8/8/98   |
| SC-05102-S-SD | RADIUM-226 | 0.03 | 0.50 | 1.25  | PC/G  | 193.8% | 5.09  | *   | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9809048-04 | U        | TO0079.0 | 9/17/98  | 0000029973 | 8/8/98   |
| SC-05118-C    | RADIUM-226 | 1.80 | 0.15 | 0.38  | PC/G  | N/A    | N/A   | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3563    |          | WP0138.0 | 10/25/98 | 0000023867 | 8/8/98   |
| SC-05118-C-EB | RADIUM-226 | ND   | 1.10 | 2.84  | PC/L  | N/A    | N/A   | *   | EPA 904.0 | GROUNDWATER   | RADIOCHEMICAL | 1   | 9809048-05 | U        | TO0079.0 | 9/17/98  | 0000029974 | 8/8/98   |
| SC-05118-C-SD | RADIUM-226 | ND   | 0.51 | 1.32  | PC/G  | NOTE1  | NOTE1 | *   | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9809048-05 | U        | TO0079.0 | 9/17/98  | 0000029975 | 8/8/98   |
| SC-05214-S    | RADIUM-226 | 1.30 | 0.13 | 0.42  | PC/G  | N/A    | N/A   | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3784    |          | WP0144.8 | 10/28/98 | 0000023888 | 9/18/98  |
| SC-05214-S-DU | RADIUM-226 | 1.59 | 0.13 | 0.41  | PC/G  | 5.8%   | 0.42  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3784DU  |          | WP0144.8 | 10/28/98 | 0000023889 | 9/18/98  |
| SC-05214-S-EB | RADIUM-226 | ND   | 1.11 | 2.82  | PC/L  | N/A    | N/A   | *   | EPA 904.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9809147-04 | U        | TO0086.0 | 8/30/98  | 0000030158 | 9/18/98  |
| SC-05214-S-FR | RADIUM-226 | 1    | 0    | 0.600 | PC/G  | 7.2%   | 0.28  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3785    |          | WP0144.0 | 10/28/98 | 0000030157 | 9/18/98  |
| SC-05214-S-SD | RADIUM-226 | 1.19 | 0.72 | 1.58  | PC/G  | 8.8%   | 0.81  | *   | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9809148-04 | J        | TO0087.0 | 9/30/98  | 0000030159 | 9/18/98  |
| SC-05418-S    | RADIUM-226 | 1.16 | 0.15 | 0.51  | PC/G  | N/A    | N/A   | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3785    |          | WP0145.0 | 10/28/98 | 0000023730 | 9/18/98  |
| SC-05418-S-EB | RADIUM-226 | 1    | 1    | 2.390 | PC/L  | N/A    | N/A   | *   | EPA 904.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9809147-05 | U        | TO0086.0 | 8/30/98  | 0000030166 | 9/18/98  |
| SC-05418-S-FR | RADIUM-226 | ND   |      | 1.24  | PC/G  | NOTE1  | NOTE1 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3786    |          | WP0145.0 | 10/28/98 | 0000030188 | 9/18/98  |
| SC-05418-S-SD | RADIUM-226 | 1.26 | 0.87 | 1.37  | PC/G  | 8.3%   | 0.45  | *   | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9809148-06 | J        | TO0087.0 | 9/30/98  | 0000030168 | 9/18/98  |
| SC-05704-S    | RADIUM-226 | ND   |      | 1.28  | PC/G  | N/A    | N/A   | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3288    |          | WP0125.0 | 9/25/98  | 0000023796 | 8/21/98  |
| SC-05704-S-DU | RADIUM-226 | 1.24 | 0.15 | 0.42  | PC/G  | NOTE1  | NOTE1 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3288DU  |          | WP0125.0 | 9/25/98  | 0000029448 | 8/21/98  |
| SC-05704-S-EB | RADIUM-226 | 2.81 | 1.83 | 3.180 | PC/L  | N/A    | N/A   | *   | EPA 904.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9809173-06 | J        | TO0071.0 | 8/2/98   | 0000029451 | 8/21/98  |
| SC-05704-S-FR | RADIUM-226 | 1.34 | 0.14 | 0.41  | PC/G  | NOTE1  | NOTE1 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3270    |          | WP0125.0 | 9/25/98  | 0000029447 | 8/21/98  |
| SC-05802-S    | RADIUM-226 | 1.04 | 0.13 | 0.35  | PC/G  | N/A    | N/A   | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3391    |          | WP0130.0 | 9/30/98  | 0000024088 | 8/23/98  |
| SC-05802-S-DU | RADIUM-226 | 1.23 | 0.12 | 0.40  | PC/G  | 16.7%  | 0.78  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3391DU  |          | WP0130.0 | 10/17/98 | 0000029461 | 8/23/98  |
| SC-05802-S-EB | RADIUM-226 | 3.34 | 1.41 | 2.780 | PC/L  | N/A    | N/A   | *   | EPA 904.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9809042-07 | J        | TO0075.0 | 9/18/98  | 0000029459 | 8/23/98  |
| SC-05802-S-FR | RADIUM-226 | 1.06 | 0.17 | 0.580 | PC/G  | 3.8%   | 0.13  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3382    |          | WP0130.0 | 9/30/98  | 0000029462 | 8/23/98  |
| SC-06001-S    | RADIUM-226 | 1.32 | 0.14 | 0.46  | PC/G  | N/A    | N/A   | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3684    |          | WP0148.0 | 11/10/98 | 0000024109 | 9/30/98  |
| SC-06001-S-DU | RADIUM-226 | 1.43 | 0.13 | 0.37  | PC/G  | 8.0%   | 0.41  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3884DU  |          | WP0148.0 | 11/10/98 | 0000029575 | 9/30/98  |
| SC-06001-S-EB | RADIUM-226 | 0.35 | 0.44 | 0.74  | PC/L  | N/A    | N/A   | *   | EPA 904.0 | WATER         | RADIOCHEMICAL | 1   | 9810035-01 | U        | GE2002.0 | 10/8/98  | 0000030480 | 9/30/98  |
| SC-06001-S-FR | RADIUM-226 | ND   |      | 1.240 | PC/G  | NOTE1  | NOTE1 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3885    |          | WP0149.0 | 11/10/98 | 0000029573 | 9/30/98  |
| SC-06001-S-SD | RADIUM-226 | 1.08 | 0.43 | 0.89  | PC/G  | 20.0%  | 0.73  | *   | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9810068-02 |          | GE2002.0 | 10/14/98 | 0000030459 | 9/30/98  |
| SC-06101-S    | RADIUM-226 | ND   |      | 1.25  | PC/G  | N/A    | N/A   | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3787    |          | WP0148.0 | 10/30/98 | 0000024130 | 9/19/98  |
| SC-06101-S-DU | RADIUM-226 | ND   |      | 1.240 | PC/G  | NOTE1  | NOTE1 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3787DU  |          | WP0146.0 | 10/30/98 | 0000029882 | 9/19/98  |
| SC-06101-S-EB | RADIUM-226 | 1.36 | 1.04 | 2.27  | PC/L  | N/A    | N/A   | *   | EPA 904.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9809147-08 | J        | TO0086.0 | 8/30/98  | 0000029577 | 9/19/98  |
| SC-06101-S-FR | RADIUM-226 | 1.31 | 0.13 | 0.420 | PC/G  | NOTE1  | NOTE1 | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3788    |          | WP0148.0 | 10/30/98 | 0000029581 | 9/19/98  |
| SC-06101-S-SD | RADIUM-226 | 1.84 | 0.85 | 1.18  | PC/G  | NOTE1  | NOTE1 | *   | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9809148-08 | J        | TO0087.0 | 8/30/98  | 0000029578 | 9/18/98  |
| SC-06203-S    | RADIUM-226 | 1.56 | 0.19 | 0.66  | PC/G  | N/A    | N/A   | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4139    |          | WP0160.0 | 11/18/98 | 0000024151 | 10/8/98  |
| SC-06203-S-DU | RADIUM-226 | 1.50 | 0.18 | 0.48  | PC/G  | 3.9%   | 0.16  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4139DU  |          | WP0160.0 | 11/18/98 | 0000029588 | 10/8/98  |
| SC-06203-S-EB | RADIUM-226 | 0.84 | 0.53 | 0.89  | PC/L  | N/A    | N/A   | *   | EPA 904.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9810283-01 | U        | GE2011.0 | 10/27/98 | 0000029583 | 10/8/98  |
| SC-06203-S-FR | RADIUM-226 | 1.72 | 0.18 | 0.470 | PC/G  | 9.8%   | 0.46  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4140    |          | WP0160.0 | 11/18/98 | 0000029587 | 10/8/98  |
| SC-06203-S-SD | RADIUM-226 | 1.46 | 0.38 | 0.29  | PC/G  | 6.6%   | 0.20  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | 9810283-02 |          | GE2011.0 | 10/18/98 | 0000029584 | 10/8/98  |
| SC-06218-S    | RADIUM-226 | 1.23 | 0.14 | 0.56  | PC/G  | N/A    | N/A   | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4151    |          | WP0160.0 | 11/18/98 | 0000024168 | 10/8/98  |
| SC-06218-S-DU | RADIUM-226 | 1.11 | 0.13 | 0.48  | PC/G  | 10.3%  | 0.44  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4151DU  |          | WP0160.0 | 11/18/98 | 0000029593 | 10/8/98  |
| SC-06218-S-EB | RADIUM-226 | ND   |      | 1     | PC/L  | N/A    | N/A   | *   | EPA 904.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9810283-03 | U        | GE2011.0 | 10/27/98 | 0000029589 | 10/8/98  |
| SC-06218-S-FR | RADIUM-226 | 1.28 | 0.19 | 0.47  | PC/G  | 2.4%   | 0.08  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4152    |          | WP0160.0 | 11/18/98 | 0000029594 | 10/8/98  |
| SC-06218-S-SD | RADIUM-226 | 1.18 | 0.27 | 0.16  | PC/G  | 4.1%   | 0.10  | *   | HASL300   | SOIL          | RADIOCHEMICAL | 1   | 9810283-04 |          | GE2011.0 | 10/18/98 | 0000029590 | 10/8/98  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER  | CONC | ERR  | DL    | UNITS | RPD    | DER   | VAL | QUAL | METHOD    | MATRIX        | CATEGORY      | DRL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|------------|------|------|-------|-------|--------|-------|-----|------|-----------|---------------|---------------|-----|------------|----------|----------|----------|------------|----------|
| SC-06317-S    | RADIUM-228 | 1.13 | 0.15 | 0.45  | PCIG  | N/A    | N/A   | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3813    |          | WP0146.0 | 11/4/96  | 0000024165 | 9/19/96  |
| SC-06317-S-DU | RADIUM-228 | 1    | 0    | 0.330 | PCIG  | 17.0%  | 0.72  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3813DU  |          | WP0146.0 | 11/4/96  | 0000029597 | 8/20/96  |
| SC-06317-S-EB | RADIUM-228 | ND   | 1.11 | 3.160 | PCIL  | N/A    | N/A   | *   |      | EPA 904.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609147-07 | U        | TO0088.0 | 9/30/96  | 0000029595 | 9/19/96  |
| SC-06317-S-FR | RADIUM-228 | 1.21 | 0.16 | 0.66  | PCIG  | 6.8%   | 0.24  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3814    |          | WP0146.0 | 11/4/96  | 0000029588 | 9/19/96  |
| SC-06317-S-SD | RADIUM-228 | 0.35 | 0.88 | 1.63  | PCIG  | 106.0% | 3.57  | *   |      | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9609146-07 | U        | TO0087.0 | 9/30/96  | 0000029598 | 9/19/96  |
| SC-06408-C    | RADIUM-228 | 1.34 | 0.17 | 0.59  | PCIG  | N/A    | N/A   | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3836    |          | WP0147.0 | 11/15/96 | 0000024204 | 9/19/96  |
| SC-06408-C-DU | RADIUM-228 | 1    | 0    | 0.150 | PCIG  | 1.5%   | 0.06  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3836DU  |          | WP0147.0 | 11/15/96 | 0000029603 | 9/19/96  |
| SC-06408-C-EB | RADIUM-228 | 1.07 | 0.98 | 2.190 | PCIL  | N/A    | N/A   | *   |      | EPA 904.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609147-06 | J        | TO0086.0 | 9/30/96  | 0000029601 | 9/19/96  |
| SC-06408-C-FR | RADIUM-228 | 1.28 | 0.20 | 0.600 | PCIG  | 4.6%   | 0.16  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3837    |          | WP0147.0 | 11/8/96  | 0000029604 | 9/19/96  |
| SC-06408-C-SD | RADIUM-228 | 1.41 | 0.63 | 1.22  | PCIG  | 5.1%   | 0.26  | *   |      | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9609148-08 | J        | TO0087.0 | 9/30/96  | 0000029602 | 9/19/96  |
| SC-06422-S    | RADIUM-228 | 1.41 | 0.14 | 0.40  | PCIG  | N/A    | N/A   | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3857    |          | WP0147.0 | 11/9/96  | 0000024226 | 9/19/96  |
| SC-06422-S-DU | RADIUM-228 | 1    | 0    | 0.520 | PCIG  | 19.5%  | 0.93  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3857DU  |          | WP0147.0 | 11/9/96  | 0000029609 | 9/19/96  |
| SC-06422-S-EB | RADIUM-228 | 2.82 | 1.28 | 2.65  | PCIL  | N/A    | N/A   | *   |      | EPA 904.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609147-08 | J        | TO0088.0 | 9/30/96  | 0000029610 | 9/19/96  |
| SC-06422-S-FR | RADIUM-228 | 1.03 | 0.17 | 0.650 | PCIG  | 31.1%  | 1.23  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3858    |          | WP0147.0 | 11/9/96  | 0000029610 | 9/19/96  |
| SC-06422-S-SD | RADIUM-228 | 1.38 | 0.63 | 1.30  | PCIG  | 3.6%   | 0.23  | *   |      | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9609148-09 | J        | TO0087.0 | 9/30/96  | 0000029608 | 9/19/96  |
| SC-06512-S    | RADIUM-228 | 1.42 | 0.17 | 0.48  | PCIG  | N/A    | N/A   | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3434    |          | WP0132.0 | 9/30/96  | 0000024441 | 8/28/96  |
| SC-06512-S-FR | RADIUM-228 | 1.33 | 0.13 | 0.42  | PCIG  | 6.5%   | 0.30  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3435    |          | WP0132.0 | 9/30/96  | 0000029616 | 8/28/96  |
| SC-06512-S-SD | RADIUM-228 | 1.85 | 0.68 | 1.30  | PCIG  | 26.3%  | 1.72  | *   |      | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9609043-08 | J        | TO0078.0 | 8/13/96  | 0000029814 | 8/28/96  |
| SC-06606-S    | RADIUM-228 | 1.12 | 0.13 | 0.48  | PCIG  | N/A    | N/A   | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3285    |          | WP0128.0 | 9/25/96  | 0000024481 | 8/21/96  |
| SC-06606-S-DU | RADIUM-228 | 1    | 0    | 0.470 | PCIG  | 5.5%   | 0.24  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3285DU  |          | WP0128.0 | 10/10/96 | 0000029471 | 8/21/96  |
| SC-06606-S-EB | RADIUM-228 | 1.88 | 1.57 | 3.29  | PCIL  | N/A    | N/A   | *   |      | EPA 904.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609173-07 | J        | TO0071.0 | 8/2/96   | 0000029472 | 8/21/96  |
| SC-06606-S-FR | RADIUM-228 | 1.88 | 0.17 | 0.430 | PCIG  | 38.8%  | 1.80  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3296    |          | WP0128.0 | 9/25/96  | 0000029473 | 8/21/96  |
| SC-06606-S-SD | RADIUM-228 | 0.58 | 0.74 | 1.72  | PCIG  | 63.8%  | 3.09  | *   |      | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9609172-07 | U        | TO0071.0 | 8/29/96  | 0000029478 | 8/21/96  |
| SC-06619-S    | RADIUM-228 | 1.15 | 0.16 | 0.61  | PCIG  | N/A    | N/A   | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3311    |          | WP0126.0 | 9/28/96  | 0000024478 | 8/21/96  |
| SC-06619-S-DU | RADIUM-228 | 1    | 0    | 0.470 | PCIG  | 10.7%  | 0.39  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3311DU  |          | WP0126.0 | 10/10/96 | 0000029477 | 8/21/96  |
| SC-06619-S-EB | RADIUM-228 | 4.28 | 2.13 | 4.18  | PCIL  | N/A    | N/A   | *   |      | EPA 904.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609173-08 | J        | TO0071.0 | 9/2/96   | 0000029478 | 8/21/96  |
| SC-06619-S-FR | RADIUM-228 | 1.28 | 0.16 | 0.540 | PCIG  | 11.5%  | 0.41  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3312    |          | WP0128.0 | 9/25/96  | 0000029479 | 8/21/96  |
| SC-06619-S-SD | RADIUM-228 | 0.75 | 0.75 | 1.68  | PCIG  | 42.7%  | 1.88  | *   |      | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9609172-08 | U        | TO0071.0 | 8/29/96  | 0000029482 | 8/21/96  |
| SC-07124-S    | RADIUM-228 | 1.21 | 0.17 | 0.61  | PCIG  | N/A    | N/A   | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3940    |          | WP0152.0 | 11/1/96  | 0000030432 | 10/1/96  |
| SC-07124-S-DU | RADIUM-228 | 1.48 | 0.12 | 0.32  | PCIG  | 18.7%  | 0.86  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3940DU  |          | WP0152.0 | 11/1/96  | 0000030439 | 10/1/96  |
| SC-07124-S-EB | RADIUM-228 | 3    | 1    | 0.777 | PCIL  | N/A    | N/A   | *   |      | EPA 904.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9610123-01 |          | GE2005.0 | 10/11/96 | 0000030475 | 10/1/96  |
| SC-07124-S-FR | RADIUM-228 | 1    | 0    | 0.390 | PCIG  | 2.4%   | 0.10  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3941    |          | WP0152.0 | 11/1/96  | 0000030442 | 10/1/96  |
| SC-07124-S-SD | RADIUM-228 | 2.64 | 0.53 | 0.81  | PCIG  | 70.9%  | 4.13  | *   |      | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9610088-05 |          | GE2002.0 | 10/14/96 | 0000030455 | 10/1/96  |
| SC-07129-S    | RADIUM-228 | 1.35 | 0.19 | 0.52  | PCIG  | N/A    | N/A   | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3441    |          | WP0132.0 | 9/30/96  | 0000024617 | 8/28/96  |
| SC-07129-S-DU | RADIUM-228 | 1.30 | 0.19 | 0.50  | PCIG  | 3.8%   | 0.13  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3441DU  |          | WP0132.0 | 9/30/96  | 0000031511 | 8/28/96  |
| SC-07130-S    | RADIUM-228 | 1.42 | 0.14 | 0.43  | PCIG  | N/A    | N/A   | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3442    |          | WP0132.0 | 9/30/96  | 0000024618 | 8/28/96  |
| SC-07130-S-DU | RADIUM-228 | 1.18 | 0.13 | 0.48  | PCIG  | 18.5%  | 0.88  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3442DU  |          | WP0132.0 | 9/30/96  | 0000031512 | 8/28/96  |
| SC-07221-C    | RADIUM-228 | 1.58 | 0.14 | 0.36  | PCIG  | N/A    | N/A   | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4003    |          | WP0154.0 | 11/11/96 | 0000024635 | 10/2/96  |
| SC-07221-C-DU | RADIUM-228 | 1.13 | 0.13 | 0.36  | PCIG  | 38.2%  | 1.87  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4003DU  |          | WP0154.0 | 11/12/96 | 0000030465 | 10/2/96  |
| SC-07221-C-EB | RADIUM-228 | 0.43 | 0.42 | 0.708 | PCIL  | N/A    | N/A   | *   |      | EPA 904.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9610123-02 | U        | GE2005.0 | 10/11/96 | 0000030468 | 10/2/96  |
| SC-07221-C-FR | RADIUM-228 | 1.57 | 0.19 | 0.58  | PCIG  | 0.8%   | 0.03  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC4004    |          | WP0154.0 | 11/12/96 | 0000030467 | 10/2/96  |
| SC-07221-C-SD | RADIUM-228 | 0.40 | 0.52 | 0.88  | PCIG  | 119.0% | 4.41  | *   |      | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9610123-03 | U        | GE2005.0 | 10/14/96 | 0000030469 | 10/2/96  |
| SC-07317-S    | RADIUM-228 | 1.22 | 0.17 | 0.53  | PCIG  | N/A    | N/A   | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3877    |          | WP0148.0 | 11/9/96  | 0000024658 | 9/21/96  |
| SC-07317-S-DU | RADIUM-228 | 1.34 | 0.17 | 0.53  | PCIG  | 9.4%   | 0.35  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3877DU  |          | WP0148.0 | 11/9/96  | 0000030243 | 9/21/96  |
| SC-07317-S-EB | RADIUM-228 | ND   | 1.95 | 5.000 | PCIL  | N/A    | N/A   | *   |      | EPA 904.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609150-04 | U        | TO0088.0 | 9/30/96  | 0000030242 | 9/21/96  |
| SC-07317-S-FR | RADIUM-228 | 1.37 | 0.13 | 0.48  | PCIG  | 11.8%  | 0.50  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3878    |          | WP0148.0 | 11/9/96  | 0000030244 | 9/21/96  |
| SC-07317-S-SD | RADIUM-228 | 0.95 | 0.67 | 1.47  | PCIG  | 24.8%  | 1.06  | *   |      | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9609151-04 | J        | TO0089.0 | 10/1/96  | 0000030247 | 9/21/96  |
| SC-07405-S    | RADIUM-228 | 1.38 | 0.20 | 0.48  | PCIG  | N/A    | N/A   | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3525    |          | WP0136.0 | 10/22/96 | 0000024873 | 8/30/96  |
| SC-07405-S-DU | RADIUM-228 | 1.31 | 0.20 | 0.56  | PCIG  | 5.2%   | 0.18  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3525DU  |          | WP0136.0 | 10/22/96 | 0000029733 | 8/30/96  |
| SC-07405-S-FR | RADIUM-228 | 1.68 | 0.17 | 0.40  | PCIG  | 18.4%  | 0.76  | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3526    |          | WP0136.0 | 10/22/96 | 0000029738 | 8/30/96  |
| SC-07405-S-SD | RADIUM-228 | 0.90 | 0.65 | 1.45  | PCIG  | 42.2%  | 1.58  | *   |      | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9609043-11 | J        | TO0078.0 | 8/13/96  | 0000029934 | 8/30/96  |
| SC-07428-S    | RADIUM-228 | ND   |      | 1.38  | PCIG  | N/A    | N/A   | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3547    |          | WP0136.0 | 10/24/96 | 0000024684 | 8/30/96  |
| SC-07428-S-DU | RADIUM-228 | 1.27 | 0.13 | 0.45  | PCIG  | NOTE1  | NOTE1 | *   |      | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3547DU  |          | WP0136.0 | 10/24/96 | 0000029738 | 8/30/96  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER   | CONC   | ERR  | DL    | UNITS | RPD   | DER   | VAL  | QUAL | METHOD    | MATRIX        | CATEGORY      | DIL | LAB ID     | LAB QUAL | LAB REQD | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|-------------|--------|------|-------|-------|-------|-------|------|------|-----------|---------------|---------------|-----|------------|----------|----------|----------|------------|----------|
| SC-07420-S-FR | RADIUM-226  | 1.56   | 0.20 | 0.510 | PC/G  | NOTE1 | NOTE1 | *    | *    | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3548    |          | WP0136.0 | 10/24/96 | 0000029738 | 8/30/96  |
| SC-07420-S-SD | RADIUM-226  | 0.89   | 0.59 | 1.32  | PC/G  | NOTE1 | NOTE1 | *    | *    | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9609043-12 | J        | TO0078.0 | 8/13/96  | 0000029638 | 8/30/96  |
| SC-07519-S    | RADIUM-226  | 1.72   | 0.15 | 0.46  | PC/G  | N/A   | N/A   | *    | *    | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3572    |          | WP0137.0 | 10/24/96 | 0000024713 | 9/5/96   |
| SC-07519-S-DU | RADIUM-226  | 1.51   | 0.19 | 0.65  | PC/G  | 13.0% | 0.82  | *    | *    | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3572DU  |          | WP0137.0 | 10/24/96 | 0000029628 | 9/5/96   |
| SC-07519-S-EB | RADIUM-226  | 2.90   | 1.35 | 2.68  | PC/L  | N/A   | N/A   | *    | *    | EPA 904.0 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609048-08 | J        | TO0079.0 | 8/17/96  | 0000029970 | 9/5/96   |
| SC-07519-S-FR | RADIUM-226  | 1      | 0    | 0.980 | PC/G  | 27.1% | 1.17  | *    | *    | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3573    |          | WP0137.0 | 10/24/96 | 0000029930 | 9/5/96   |
| SC-07519-S-SD | RADIUM-226  | 0.46   | 0.55 | 1.21  | PC/G  | 58.4% | 3.80  | *    | *    | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9609048-08 | J        | TO0079.0 | 8/17/96  | 0000029971 | 9/5/96   |
| SC-07613-S    | RADIUM-226  | 1.33   | 0.14 | 0.51  | PC/G  | N/A   | N/A   | *    | *    | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3565    |          | WP0135.0 | 10/21/96 | 0000024734 | 8/29/96  |
| SC-07613-S-DU | RADIUM-226  | 1.28   | 0.12 | 0.35  | PC/G  | 3.8%  | 0.18  | *    | *    | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3565DU  |          | WP0135.0 | 10/21/96 | 0000029702 | 8/29/96  |
| SC-07613-S-FR | RADIUM-226  | 1.41   | 0.18 | 0.43  | PC/G  | 5.8%  | 0.25  | *    | *    | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3568    |          | WP0135.0 | 10/21/96 | 0000029703 | 8/29/96  |
| SC-07613-S-SD | RADIUM-226  | 1.31   | 0.64 | 1.30  | PC/G  | 1.5%  | 0.09  | *    | *    | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9609043-13 | J        | TO0078.0 | 8/13/96  | 0000029638 | 8/29/96  |
| SC-07709-S    | RADIUM-226  | 1.55   | 0.21 | 0.61  | PC/G  | N/A   | N/A   | *    | *    | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3452    |          | WP0132.0 | 8/30/96  | 0000024762 | 8/29/96  |
| SC-07709-S-FR | RADIUM-226  | 1.26   | 0.13 | 0.55  | PC/G  | 20.8% | 0.86  | *    | *    | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3453    |          | WP0132.0 | 8/30/96  | 0000029681 | 8/29/96  |
| SC-07709-S-SD | RADIUM-226  | 0.96   | 0.73 | 1.82  | PC/G  | 44.7% | 1.87  | *    | *    | EPA 904.0 | SOIL          | RADIOCHEMICAL | 1   | 9609043-14 | J        | TO0078.0 | 8/13/96  | 0000029940 | 8/29/96  |
| SC-05418-S    | THALLIUM    | ND     |      | 0.78  | UG/G  | N/A   | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 12189017   | U        | QT1483.0 | 8/20/96  | 0000023730 | 9/18/96  |
| SC-05418-S-DU | THALLIUM    | ND     |      | 0.78  | UG/G  | NOTE1 | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 12189017DU | U        | QT1483.0 | 8/20/96  | 0000030164 | 9/18/96  |
| SC-05418-S-EB | THALLIUM    | ND     |      | 0.80  | UG/L  | N/A   | N/A   | *    | *    | EPA CLP   | SURFACE WATER | METALS        | 1   | 09L296003  | U        | WS1120.0 | 8/28/96  | 0000030165 | 9/18/96  |
| SC-05418-S-FR | THALLIUM    | ND     |      | 0.81  | UG/G  | NOTE1 | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 12189018   | U        | QT1483.0 | 8/20/96  | 0000030166 | 9/18/96  |
| SC-05418-S-MS | THALLIUM    | 438.00 |      | 0.78  | UG/G  | N/A   | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 12189017MS | U        | QT1483.0 | 8/20/96  | 0000030162 | 9/18/96  |
| SC-05418-S-SD | THALLIUM    | ND     |      | 0.20  | UG/G  | NOTE1 | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 09L296004  | U        | WS1120.0 | 8/27/96  | 0000030168 | 9/18/96  |
| SC-05902-S    | THALLIUM    | ND     |      | 0.80  | UG/G  | N/A   | N/A   | U    | U    | EPA CLP   | SOIL          | METALS        | 1   | 11914001   | U        | QT1483.0 | 8/27/96  | 0000024086 | 8/23/96  |
| SC-05902-S-DU | THALLIUM    | ND     |      | 1.000 | UG/G  | NOTE1 | N/A   | 1.0U | U    | EPA CLP   | SOIL          | METALS        | 1   | 11914001DU | U        | QT1483.0 | 8/27/96  | 0000029461 | 8/23/96  |
| SC-05902-S-EB | THALLIUM    | ND     |      | 1.40  | UG/L  | N/A   | N/A   | *    | *    | EPA CLP   | SURFACE WATER | METALS        | 1   | 09L077007  | U        | WS1110.0 | 8/12/96  | 0000029489 | 8/23/96  |
| SC-05902-S-FR | THALLIUM    | ND     |      | 0.81  | UG/G  | NOTE1 | N/A   | U    | U    | EPA CLP   | SOIL          | METALS        | 1   | 11914002   | U        | QT1483.0 | 8/27/96  | 0000029482 | 8/23/96  |
| SC-05902-S-MS | THALLIUM    | 468.00 |      | 0.80  | UG/G  | N/A   | N/A   | A    | A    | EPA CLP   | SOIL          | METALS        | 1   | 11914001MS | U        | QT1483.0 | 8/27/96  | 0000029484 | 8/23/96  |
| SC-06512-S    | THALLIUM    | ND     |      | 0.78  | UG/G  | N/A   | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 11958004   | U        | QT1467.0 | 8/30/96  | 0000024441 | 8/28/96  |
| SC-06512-S-DU | THALLIUM    | ND     |      | 0.78  | UG/G  | NOTE1 | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 11958004DU | U        | QT1467.0 | 8/30/96  | 0000029615 | 8/28/96  |
| SC-06512-S-FR | THALLIUM    | ND     |      | 0.77  | UG/G  | NOTE1 | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 11958005   | U        | QT1467.0 | 8/30/96  | 0000029618 | 8/28/96  |
| SC-06512-S-MS | THALLIUM    | 450.00 |      | 0.78  | UG/G  | N/A   | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 11958004MS | U        | QT1467.0 | 8/30/96  | 0000029618 | 8/28/96  |
| SC-06512-S-SD | THALLIUM    | ND     |      | 0.34  | UG/G  | NOTE1 | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 09L077012  | U        | WS1110.0 | 8/12/96  | 0000029614 | 8/28/96  |
| SC-07124-S    | THALLIUM    | ND     |      | 0.85  | UG/G  | N/A   | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 12352016   | U        | QT2001.0 | 10/2/96  | 0000030432 | 10/1/96  |
| SC-07124-S-DU | THALLIUM    | ND     |      | 0.85  | UG/G  | NOTE1 | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 12352016DU | U        | QT2001.0 | 10/2/96  | 0000030439 | 10/1/96  |
| SC-07124-S-EB | THALLIUM    | 5      |      | 2.000 | UG/L  | N/A   | N/A   | *    | *    | EPA 200.7 | SURFACE WATER | METALS        | 1   | 9610123-01 | B        | GE2005.0 | 10/9/96  | 0000030475 | 10/1/96  |
| SC-07124-S-FR | THALLIUM    | ND     |      | 0.810 | UG/G  | NOTE1 | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 12352017   | U        | QT2001.0 | 10/2/96  | 0000030442 | 10/1/96  |
| SC-07124-S-MS | THALLIUM    | 343.00 |      | 0.85  | UG/G  | N/A   | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 12352016MS | U        | QT2001.0 | 10/2/96  | 0000030438 | 10/1/96  |
| SC-07124-S-SD | THALLIUM    | ND     |      | 0.50  | UG/G  | NOTE1 | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 9610086-05 | U        | GE2002.0 | 10/10/96 | 0000030455 | 10/1/96  |
| SC-07519-S    | THALLIUM    | ND     |      | 0.81  | UG/G  | N/A   | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 12017007   | U        | QT1474.0 | 8/8/96   | 0000024713 | 8/5/96   |
| SC-07519-S-DU | THALLIUM    | 0.83   |      | 0.81  | UG/G  | NOTE1 | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 12017007DU | B        | QT1474.0 | 8/8/96   | 0000029928 | 9/5/96   |
| SC-07519-S-EB | THALLIUM    | ND     |      | 0.800 | UG/L  | N/A   | N/A   | *    | *    | EPA CLP   | SURFACE WATER | METALS        | 1   | 09L099001  | U        | WS1112.0 | 8/14/96  | 0000029970 | 9/5/96   |
| SC-07519-S-FR | THALLIUM    | 0.82   |      | 0.780 | UG/G  | NOTE1 | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 12017008   | B        | QT1474.0 | 8/8/96   | 0000029930 | 9/5/96   |
| SC-07519-S-MS | THALLIUM    | 463.00 |      | 0.82  | UG/G  | N/A   | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 12017007MS | U        | QT1474.0 | 8/8/96   | 0000029927 | 9/5/96   |
| SC-07519-S-SD | THALLIUM    | 0.58   |      | 0.40  | UG/G  | NOTE1 | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 09L089002  | B        | WS1112.0 | 8/14/96  | 0000029971 | 9/5/96   |
| SC-07709-S    | THALLIUM    | ND     |      | 0.79  | UG/G  | N/A   | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 11958008   | U        | QT1466.0 | 8/30/96  | 0000024762 | 8/28/96  |
| SC-07709-S-DU | THALLIUM    | ND     |      | 0.790 | UG/G  | NOTE1 | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 11958008DU | U        | QT1466.0 | 8/30/96  |            | 8/28/96  |
| SC-07709-S-FR | THALLIUM    | ND     |      | 0.790 | UG/G  | NOTE1 | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 11958009   | U        | QT1466.0 | 8/30/96  | 0000029681 | 8/28/96  |
| SC-07709-S-MS | THALLIUM    | 449.00 |      | 0.79  | UG/G  | N/A   | N/A   | *    | *    | EPA CLP   | SOIL          | METALS        | 1   | 11958008MS | U        | QT1466.0 | 8/30/96  |            | 8/28/96  |
| SC-06214-S    | THORIUM-230 | 0.71   | 0.07 | 0.72  | PC/G  | N/A   | N/A   | *    | *    | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3784    |          | WP0144.0 | 9/21/96  | 0000023688 | 9/18/96  |
| SC-06214-S-DU | THORIUM-230 | 0.75   | 0.07 | 0.72  | PC/G  | 5.5%  | 10.43 | *    | *    | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3784DU  |          | WP0144.0 | 9/21/96  | 0000030165 | 9/18/96  |
| SC-06214-S-EB | THORIUM-230 | 0.58   | 0.36 | 0.264 | PC/L  | N/A   | N/A   | *    | *    | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609147-04 | J        | TO0086.0 | 8/27/96  | 0000030168 | 9/18/96  |
| SC-06214-S-FR | THORIUM-230 | 1      | 0    | 0.720 | PC/G  | 28.0% | 1.41  | *    | *    | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3785    |          | WP0144.0 | 9/21/96  | 0000030157 | 9/18/96  |
| SC-06214-S-SD | THORIUM-230 | 1.29   | 0.41 | 0.14  | PC/G  | 58.0% | 3.39  | *    | *    | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9609146-04 | J        | TO0087.0 | 8/27/96  | 0000030168 | 9/18/96  |
| SC-05418-S    | THORIUM-230 | 0.88   | 0.10 | 0.72  | PC/G  | N/A   | N/A   | *    | *    | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3785    |          | WP0145.0 | 9/22/96  | 0000023730 | 9/18/96  |
| SC-05418-S-EB | THORIUM-230 | 0.28   | 0.22 | 0.23  | PC/L  | N/A   | N/A   | *    | *    | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609147-05 | J        | TO0086.0 | 8/27/96  | 0000030165 | 9/18/96  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER   | CONC | ERR  | DL    | UNITS | RPD    | DER   | VAL | QUAL | METHOD    | MATRIX        | CATEGORY      | DIL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|-------------|------|------|-------|-------|--------|-------|-----|------|-----------|---------------|---------------|-----|------------|----------|----------|----------|------------|----------|
| SC-05418-S-FR | THORIUM-230 | 0.93 | 0.11 | 0.72  | PC/G  | 5.5%   | 0.24  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3786    |          | WP0145.0 | 8/22/96  | 0000030189 | 9/18/96  |
| SC-05418-S-SD | THORIUM-230 | 1.27 | 0.47 | 0.17  | PC/G  | 36.3%  | 1.83  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | B509146-05 | J        | TO0087.0 | 8/27/96  | 0000030168 | 9/18/96  |
| SC-05502-S    | THORIUM-230 | 2.88 | 0.13 | 2.27  | PC/G  | N/A    | N/A   | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3318    |          | WP0127.0 | 8/27/96  | 0000023744 | 8/22/96  |
| SC-05502-S-DU | THORIUM-230 | 3    | 0    | 2.270 | PC/G  | 3.4%   | 0.38  | A   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3319DU  |          | WP0127.0 | 8/27/96  | 0000029422 | 8/22/96  |
| SC-05502-S-EB | THORIUM-230 | 0.22 | 0.20 | 0.24  | PC/L  | N/A    | N/A   | *   |      | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609042-04 | J        | TO0075.0 | 9/19/96  | 0000029423 | 8/22/96  |
| SC-05502-S-FR | THORIUM-230 | 2.84 | 0.15 | 2.27  | PC/G  | 5.8%   | 0.57  | A   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3320    |          | WP0127.0 | 8/27/96  | 0000029424 | 8/22/96  |
| SC-05502-S-SD | THORIUM-230 | 0.90 | 0.31 | 0.08  | PC/G  | 99.8%  | 4.28  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9609043-04 |          | TO0076.0 | 9/12/96  | 0000029427 | 8/22/96  |
| SC-05517-S    | THORIUM-230 | 2.40 | 0.06 | 2.27  | PC/G  | N/A    | N/A   | J   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3334    |          | WP0127.0 | 8/28/96  | 0000023758 | 8/22/96  |
| SC-05517-S-DU | THORIUM-230 | 2.77 | 0.13 | 2.270 | PC/G  | 14.3%  | 1.88  | J   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3334DU  |          | WP0127.0 | 8/28/96  | 0000029428 | 8/22/96  |
| SC-05517-S-EB | THORIUM-230 | 0.13 | 0.15 | 0.29  | PC/L  | N/A    | N/A   | *   |      | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609042-05 | U        | TO0075.0 | 9/19/96  | 0000029429 | 8/22/96  |
| SC-05517-S-FR | THORIUM-230 | 2.70 | 0.14 | 2.27  | PC/G  | 11.8%  | 1.30  | A   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3335    |          | WP0127.0 | 8/28/96  | 0000029430 | 8/22/96  |
| SC-05517-S-SD | THORIUM-230 | 1.11 | 0.37 | 0.06  | PC/G  | 73.5%  | 5.33  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9609043-05 |          | TO0076.0 | 9/12/96  | 0000029433 | 8/22/96  |
| SC-05607-S    | THORIUM-230 | 0.88 | 0.18 | 0.04  | PC/G  | N/A    | N/A   | *   |      | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7733-5    |          | LK0456.0 | 8/23/96  | 0000023773 | 8/21/96  |
| SC-05607-S-DU | THORIUM-230 | 1.14 | 0.34 | 0.04  | PC/G  | 15.1%  | 0.31  | *   |      | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7733-5    |          | LK0456.0 | 8/23/96  | 0000029434 | 8/21/96  |
| SC-05607-S-EB | THORIUM-230 | 1    | 0    | 0.611 | PC/L  | N/A    | N/A   | *   |      | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9608173-04 | J        | TO0071.0 | 8/2/96   | 0000029435 | 8/21/96  |
| SC-05607-S-FR | THORIUM-230 | 1.38 | 0.24 | 0.048 | PC/G  | 33.8%  | 0.95  | *   |      | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7733-8    |          | LK0456.0 | 8/23/96  | 0000029436 | 8/21/96  |
| SC-05607-S-MS | THORIUM-230 | 6.07 | 0.53 | 0.04  | PC/G  | N/A    | N/A   | *   |      | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7733-5    |          | LK0456.0 | 8/23/96  | 0000029438 | 8/21/96  |
| SC-05621-S    | THORIUM-230 | 2.75 | 0.33 | 0.04  | PC/G  | N/A    | N/A   | *   |      | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7733-16   |          | LK0456.0 | 8/23/96  | 0000023787 | 8/21/96  |
| SC-05621-S-DU | THORIUM-230 | 2.05 | 0.27 | 0.043 | PC/G  | 28.2%  | 1.17  | *   |      | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7733-18   | *        | LK0456.0 | 8/23/96  | 0000029440 | 8/21/96  |
| SC-05621-S-EB | THORIUM-230 | 0.31 | 0.35 | 0.557 | PC/L  | N/A    | N/A   | *   |      | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9608173-05 | U        | TO0071.0 | 8/2/96   | 0000029441 | 8/21/96  |
| SC-05621-S-FR | THORIUM-230 | 1.59 | 0.23 | 0.03  | PC/G  | 53.5%  | 2.07  | *   |      | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7733-17   |          | LK0456.0 | 8/23/96  | 0000029442 | 8/21/96  |
| SC-05621-S-MS | THORIUM-230 | 6.44 | 0.58 | 0.04  | PC/G  | N/A    | N/A   | *   |      | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7733-16   | *        | LK0456.0 | 8/23/96  | 0000029443 | 8/21/96  |
| SC-05704-S    | THORIUM-230 | 1.16 | 0.17 | 0.04  | PC/G  | N/A    | N/A   | *   |      | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7733-19   |          | LK0456.0 | 8/23/96  | 0000023785 | 8/21/96  |
| SC-05704-S-DU | THORIUM-230 | 1.15 | 0.17 | 0.04  | PC/G  | 0.8%   | 0.03  | *   |      | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7733-19   |          | LK0456.0 | 8/23/96  | 0000029448 | 8/21/96  |
| SC-05704-S-EB | THORIUM-230 | 0.46 | 0.38 | 0.352 | PC/L  | N/A    | N/A   | *   |      | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9608173-06 | J        | TO0071.0 | 8/2/96   | 0000029451 | 8/21/96  |
| SC-05704-S-FR | THORIUM-230 | 0.95 | 0.15 | 0.037 | PC/G  | 18.9%  | 0.68  | *   |      | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7733-20   |          | LK0456.0 | 8/23/96  | 0000029447 | 8/21/96  |
| SC-05704-S-MS | THORIUM-230 | 5.78 | 0.45 | 0.04  | PC/G  | N/A    | N/A   | *   |      | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7733-19   |          | LK0456.0 | 8/23/96  | 0000029448 | 8/21/96  |
| SC-05704-S-SD | THORIUM-230 | 1.29 | 0.37 | 0.04  | PC/G  | 10.6%  | 0.28  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9608172-08 |          | TO0071.0 | 8/30/96  | 0000029450 | 8/21/96  |
| SC-05902-S    | THORIUM-230 | 2.48 | 0.11 | 2.27  | PC/G  | N/A    | N/A   | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3391    |          | WP0130.0 | 8/28/96  | 0000024088 | 8/23/96  |
| SC-05902-S-DU | THORIUM-230 | 2    | 0    | 2.270 | PC/G  | 9.7%   | 1.35  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3391DU  |          | WP0130.0 | 8/28/96  | 0000029461 | 8/23/96  |
| SC-05902-S-EB | THORIUM-230 | 0.25 | 0.21 | 0.26  | PC/L  | N/A    | N/A   | *   |      | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9608042-07 | J        | TO0075.0 | 9/19/96  | 0000029459 | 8/23/96  |
| SC-05902-S-FR | THORIUM-230 | 2.32 | 0.08 | 2.27  | PC/G  | 6.7%   | 0.84  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3382    |          | WP0130.0 | 8/28/96  | 0000029462 | 8/23/96  |
| SC-05902-S-SD | THORIUM-230 | 1.73 | 0.49 | 0.12  | PC/G  | 35.6%  | 3.37  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9609043-07 |          | TO0076.0 | 9/12/96  | 0000029460 | 8/23/96  |
| SC-05912-S    | THORIUM-230 | 2.81 | 0.14 | 2.27  | PC/G  | N/A    | N/A   | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3406    |          | WP0130.0 | 8/29/96  | 0000024100 | 8/23/96  |
| SC-05912-S-DU | THORIUM-230 | 2    | 0    | 2.270 | PC/G  | 12.5%  | 1.32  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3406DU  |          | WP0130.0 | 8/29/96  | 0000029465 | 8/23/96  |
| SC-05912-S-EB | THORIUM-230 | 0.54 | 0.31 | 0.19  | PC/L  | N/A    | N/A   | *   |      | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609042-08 |          | TO0075.0 | 9/19/96  | 0000029466 | 8/23/96  |
| SC-05912-S-FR | THORIUM-230 | 2.75 | 0.15 | 2.27  | PC/G  | 2.2%   | 0.21  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3407    |          | WP0130.0 | 8/29/96  | 0000029467 | 8/23/96  |
| SC-06001-S    | THORIUM-230 | 1.02 | 0.11 | 0.72  | PC/G  | N/A    | N/A   | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3884    |          | WP0149.0 | 10/2/96  | 0000024108 | 9/30/96  |
| SC-06001-S-DU | THORIUM-230 | 1.11 | 0.12 | 0.72  | PC/G  | 8.5%   | 0.39  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3884DU  |          | WP0149.0 | 10/2/96  | 0000028575 | 9/30/96  |
| SC-06001-S-EB | THORIUM-230 | 1.51 | 0.35 | 0.11  | PC/L  | N/A    | N/A   | *   |      | HASL 300  | WATER         | RADIOCHEMICAL | 1   | 9610086-01 | B        | GE2002.0 | 10/9/96  | 0000030480 | 9/30/96  |
| SC-06001-S-FR | THORIUM-230 | 1.14 | 0.12 | 0.720 | PC/G  | 11.1%  | 0.52  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3885    |          | WP0149.0 | 10/2/96  | 0000029573 | 9/30/96  |
| SC-06001-S-SD | THORIUM-230 | 2.44 | 0.55 | 0.20  | PC/G  | 82.1%  | 7.05  | *   |      | HASL 300  | SOIL          | RADIOCHEMICAL | 1   | 9610086-02 | B        | GE2002.0 | 10/9/96  | 0000030459 | 9/30/96  |
| SC-06101-S    | THORIUM-230 | 0.85 | 0.09 | 0.72  | PC/G  | N/A    | N/A   | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3787    |          | WP0146.0 | 9/22/96  | 0000024130 | 9/19/96  |
| SC-06101-S-DU | THORIUM-230 | 0.89 | 0.11 | 0.72  | PC/G  | 4.6%   | 0.20  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3797DU  |          | WP0146.0 | 9/22/96  | 0000029582 | 9/19/96  |
| SC-06101-S-EB | THORIUM-230 | 0    | 0    | 0.362 | PC/L  | N/A    | N/A   | *   |      | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609147-08 | J        | TO0086.0 | 9/27/96  | 0000029577 | 9/19/96  |
| SC-06101-S-FR | THORIUM-230 | 1.01 | 0.12 | 0.72  | PC/G  | 17.2%  | 0.76  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3798    |          | WP0146.0 | 9/22/96  | 0000029581 | 9/19/96  |
| SC-06101-S-SD | THORIUM-230 | 1.45 | 0.54 | 0.17  | PC/G  | 52.2%  | 3.59  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9609146-06 |          | TO0087.0 | 9/27/96  | 0000029578 | 9/19/96  |
| SC-06203-S    | THORIUM-230 | 1.26 | 0.17 | 0.72  | PC/G  | N/A    | N/A   | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC4139    |          | WP0160.0 | 10/12/96 | 0000024151 | 10/8/96  |
| SC-06203-S-DU | THORIUM-230 | 1.04 | 0.13 | 0.72  | PC/G  | 19.1%  | 0.73  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC4139DU  |          | WP0160.0 | 10/12/96 | 0000029588 | 10/8/96  |
| SC-06203-S-EB | THORIUM-230 | 0.25 | 0.07 | 0.931 | PC/L  | N/A    | N/A   | *   |      | HASL 300  | SURFACE WATER | RADIOCHEMICAL | 1   | 9610283-01 |          | GE2011.0 | 10/21/96 | 0000029583 | 10/8/96  |
| SC-06203-S-FR | THORIUM-230 | 1.02 | 0.13 | 0.72  | PC/G  | 21.1%  | 0.80  | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC4140    |          | WP0160.0 | 10/12/96 | 0000029587 | 10/8/96  |
| SC-06203-S-SD | THORIUM-230 | 4.42 | 1.33 | 0.78  | PC/G  | 111.3% | 24.72 | J   |      | HASL 300  | SOIL          | RADIOCHEMICAL | 1   | 9610283-02 |          | GE2011.0 | 10/21/96 | 0000029584 | 10/8/96  |
| SC-06218-S    | THORIUM-230 | 1.84 | 0.17 | 0.72  | PC/G  | N/A    | N/A   | *   |      | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC4151    |          | WP0160.0 | 10/12/96 | 0000024165 | 10/8/96  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER   | CONC | ERR  | DL    | UNITS | RPD   | DER  | VAL | METHOD    | MATRIX        | CATEGORY      | DIL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|-------------|------|------|-------|-------|-------|------|-----|-----------|---------------|---------------|-----|------------|----------|----------|----------|------------|----------|
| SC-06218-S-DU | THORIUM-230 | 1.22 | 0.15 | 0.72  | PC/G  | 29.4% | 1.31 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3218DU  |          | WP0180.0 | 10/12/96 | 0000029593 | 10/8/96  |
| SC-06218-S-EB | THORIUM-230 | 0.21 | 0.07 | 0.944 | PC/L  | N/A   | N/A  | *   | HASL 300  | SURFACE WATER | RADIOCHEMICAL | 1   | 9610283-03 |          | GE2011.0 | 10/21/96 | 0000029598 | 10/8/96  |
| SC-06218-S-FR | THORIUM-230 | 1.46 | 0.17 | 0.72  | PC/G  | 11.8% | 0.53 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC4152    |          | WP0150.0 | 10/15/96 | 0000029594 | 10/8/96  |
| SC-06218-S-SD | THORIUM-230 | 2.20 | 0.61 | 0.27  | PC/G  | 29.2% | 1.99 | J   | HASL 300  | SOIL          | RADIOCHEMICAL | 1   | 9610283-04 |          | GE2011.0 | 10/21/96 | 0000029590 | 10/8/96  |
| SC-06317-S    | THORIUM-230 | 1.03 | 0.11 | 0.72  | PC/G  | N/A   | N/A  | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3813    |          | WP0148.0 | 9/24/96  | 0000024185 | 9/19/96  |
| SC-06317-S-DU | THORIUM-230 | 0.87 | 0.08 | 0.720 | PC/G  | 16.8% | 0.80 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3813DU  |          | WP0148.0 | 9/24/96  | 0000029597 | 9/20/96  |
| SC-06317-S-EB | THORIUM-230 | 0.33 | 0.28 | 0.31  | PC/L  | N/A   | N/A  | *   | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609147-07 | J        | TO0086.0 | 9/27/96  | 0000029596 | 9/19/96  |
| SC-06317-S-FR | THORIUM-230 | 0.99 | 0.10 | 0.72  | PC/G  | 4.0%  | 0.18 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3814    |          | WP0148.0 | 9/24/96  | 0000029598 | 9/19/96  |
| SC-06317-S-SD | THORIUM-230 | 1.58 | 0.54 | 0.18  | PC/G  | 42.1% | 2.71 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9609148-07 |          | TO0067.0 | 9/27/96  | 0000029596 | 9/19/96  |
| SC-06406-C    | THORIUM-230 | 0.84 | 0.09 | 0.72  | PC/G  | N/A   | N/A  | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3836    |          | WP0147.0 | 9/25/96  | 0000024204 | 9/19/96  |
| SC-06406-C-DU | THORIUM-230 | 0.85 | 0.09 | 0.72  | PC/G  | 1.2%  | 0.06 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3836DU  |          | WP0147.0 | 9/25/96  | 0000029603 | 9/19/96  |
| SC-06406-C-EB | THORIUM-230 | 0.87 | 0.48 | 0.43  | PC/L  | N/A   | N/A  | *   | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609147-08 | J        | TO0086.0 | 9/27/96  | 0000029601 | 9/19/96  |
| SC-06406-C-FR | THORIUM-230 | 1.13 | 0.13 | 0.720 | PC/G  | 29.4% | 1.32 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3837    |          | WP0147.0 | 9/25/96  | 0000029604 | 9/19/96  |
| SC-06406-C-SD | THORIUM-230 | 1.08 | 0.36 | 0.10  | PC/G  | 25.0% | 0.98 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9609148-08 |          | TO0087.0 | 9/27/96  | 0000029602 | 9/19/96  |
| SC-06422-S    | THORIUM-230 | 0.96 | 0.11 | 0.72  | PC/G  | N/A   | N/A  | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3857    |          | WP0147.0 | 9/25/96  | 0000024226 | 9/19/96  |
| SC-06422-S-DU | THORIUM-230 | 1.04 | 0.12 | 0.720 | PC/G  | 8.0%  | 0.35 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3857DU  |          | WP0147.0 | 9/25/96  | 0000029609 | 9/19/96  |
| SC-06422-S-EB | THORIUM-230 | 0.69 | 0.46 | 0.31  | PC/L  | N/A   | N/A  | *   | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609147-09 |          | TO0086.0 | 9/27/96  | 0000029607 | 9/19/96  |
| SC-06422-S-FR | THORIUM-230 | 1.20 | 0.12 | 0.72  | PC/G  | 22.2% | 1.04 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3858    |          | WP0147.0 | 9/25/96  | 0000029610 | 9/19/96  |
| SC-06422-S-SD | THORIUM-230 | 1.61 | 0.49 | 0.14  | PC/G  | 59.6% | 2.67 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9609148-09 |          | TO0087.0 | 9/27/96  | 0000029606 | 9/19/96  |
| SC-06512-S    | THORIUM-230 | 1.23 | 0.18 | 0.72  | PC/G  | N/A   | N/A  | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3434    |          | WP0132.0 | 8/30/96  | 0000024441 | 8/23/96  |
| SC-06512-S-EB | THORIUM-230 | 0    | 0    | 0.277 | PC/L  | N/A   | N/A  | *   | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609043-09 | J        | TO0078.0 | 9/18/96  | 0000029613 | 8/23/96  |
| SC-06512-S-FR | THORIUM-230 | 1.41 | 0.18 | 0.72  | PC/G  | 13.6% | 0.68 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3435    |          | WP0132.0 | 8/30/96  | 0000029616 | 8/23/96  |
| SC-06512-S-SD | THORIUM-230 | 1.13 | 0.36 | 0.12  | PC/G  | 8.5%  | 0.24 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9609043-09 |          | TO0078.0 | 9/12/96  | 0000029614 | 8/23/96  |
| SC-06606-S    | THORIUM-230 | 2.46 | 0.10 | 2.27  | PC/G  | N/A   | N/A  | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3296    |          | WP0128.0 | 8/24/96  | 0000024481 | 8/21/96  |
| SC-06606-S-DU | THORIUM-230 | 2.90 | 0.12 | 2.270 | PC/G  | 4.3%  | 0.80 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3296DU  |          | WP0128.0 | 8/25/96  | 0000029471 | 8/21/96  |
| SC-06606-S-EB | THORIUM-230 | 0.30 | 0.31 | 0.347 | PC/L  | N/A   | N/A  | *   | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9606173-07 | U        | TO0071.0 | 8/20/96  | 0000029472 | 8/21/96  |
| SC-06606-S-FR | THORIUM-230 | 2.45 | 0.10 | 2.27  | PC/G  | 1.2%  | 0.15 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3296    |          | WP0128.0 | 8/25/96  | 0000029473 | 8/21/96  |
| SC-06606-S-SD | THORIUM-230 | 1.23 | 0.42 | 0.20  | PC/G  | 67.4% | 5.20 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9606172-07 |          | TO0071.0 | 8/30/96  | 0000029478 | 8/21/96  |
| SC-06619-S    | THORIUM-230 | 2.74 | 0.14 | 2.27  | PC/G  | N/A   | N/A  | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3311    |          | WP0128.0 | 8/26/96  | 0000024476 | 8/21/96  |
| SC-06619-S-DU | THORIUM-230 | 2.76 | 0.13 | 2.270 | PC/G  | 0.7%  | 0.07 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3311DU  |          | WP0128.0 | 8/26/96  | 0000029477 | 8/21/96  |
| SC-06619-S-EB | THORIUM-230 | 0.47 | 0.39 | 0.363 | PC/L  | N/A   | N/A  | *   | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9606173-08 | J        | TO0071.0 | 9/29/96  | 0000029478 | 8/21/96  |
| SC-06619-S-FR | THORIUM-230 | 2.74 | 0.13 | 2.27  | PC/G  | 0.0%  | 0.00 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3312    |          | WP0128.0 | 8/26/96  | 0000029479 | 8/21/96  |
| SC-06619-S-SD | THORIUM-230 | 1.21 | 0.38 | 0.11  | PC/G  | 77.5% | 3.69 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9606172-08 |          | TO0071.0 | 8/30/96  | 0000029482 | 8/21/96  |
| SC-06713-S    | THORIUM-230 | 2.72 | 0.12 | 2.27  | PC/G  | N/A   | N/A  | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3230    |          | WP0124.0 | 8/23/96  | 0000024481 | 8/19/96  |
| SC-06713-S-DU | THORIUM-230 | 3    | 0    | 2.270 | PC/G  | 4.9%  | 0.57 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3230DU  |          | WP0124.0 | 8/23/96  | 0000029483 | 8/19/96  |
| SC-06713-S-EB | THORIUM-230 | 0.86 | 0.48 | 0.68  | PC/L  | N/A   | N/A  | *   | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9606173-09 | J        | TO0071.0 | 9/2/96   | 0000029484 | 8/19/96  |
| SC-06713-S-FR | THORIUM-230 | 2.66 | 0.13 | 2.27  | PC/G  | 5.7%  | 0.59 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3231    |          | WP0124.0 | 8/22/96  | 0000029485 | 8/19/96  |
| SC-06713-S-SD | THORIUM-230 | 1.49 | 0.47 | 0.15  | PC/G  | 58.4% | 4.80 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9606172-09 |          | TO0071.0 | 8/30/96  | 0000029486 | 8/19/96  |
| SC-06807-S    | THORIUM-230 | 1.47 | 0.28 | 0.08  | PC/G  | N/A   | N/A  | *   | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7770-7    |          | LK0457.0 | 8/27/96  | 0000024506 | 8/23/96  |
| SC-06807-S-DU | THORIUM-230 | 1.60 | 0.21 | 0.04  | PC/G  | 8.5%  | 0.28 | *   | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | 40679DUP1  |          | LK0457.0 | 8/27/96  | 0000029489 | 8/23/96  |
| SC-06807-S-EB | THORIUM-230 | 0.29 | 0.24 | 0.22  | PC/L  | N/A   | N/A  | *   | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9606042-10 | J        | TO0075.0 | 9/19/96  | 0000029490 | 8/23/96  |
| SC-06807-S-FR | THORIUM-230 | 1.42 | 0.19 | 0.03  | PC/G  | 3.5%  | 0.11 | *   | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7770-8    |          | LK0457.0 | 8/27/96  | 0000029491 | 8/23/96  |
| SC-06807-S-SD | THORIUM-230 | 1.74 | 0.46 | 0.11  | PC/G  | 16.8% | 0.48 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9606043-10 |          | TO0078.0 | 9/12/96  | 0000029494 | 8/23/96  |
| SC-06901-S    | THORIUM-230 | 3.38 | 0.29 | 2.27  | PC/G  | N/A   | N/A  | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3169    |          | WP0122.0 | 8/21/96  | 0000024521 | 8/19/96  |
| SC-06901-S-DU | THORIUM-230 | 2.97 | 0.20 | 2.27  | PC/G  | 12.3% | 0.80 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3169DU  |          | WP0122.0 | 8/21/96  | 0000029495 | 8/19/96  |
| SC-06901-S-EB | THORIUM-230 | 0.31 | 0.31 | 0.35  | PC/L  | N/A   | N/A  | *   | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9606173-10 | U        | TO0071.0 | 8/2/96   | 0000029498 | 8/19/96  |
| SC-06901-S-FR | THORIUM-230 | 2.77 | 0.17 | 2.270 | PC/G  | 19.2% | 1.28 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3170    |          | WP0122.0 | 8/21/96  | 0000029497 | 8/19/96  |
| SC-06901-S-SD | THORIUM-230 | 1.77 | 0.51 | 0.11  | PC/G  | 62.0% | 2.79 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9606172-10 |          | TO0071.0 | 8/30/96  | 0000029500 | 8/19/96  |
| SC-06911-S    | THORIUM-230 | 2.83 | 0.14 | 2.27  | PC/G  | N/A   | N/A  | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3196    |          | WP0123.0 | 8/22/96  | 0000024536 | 8/19/96  |
| SC-06911-S-DU | THORIUM-230 | 2.75 | 0.13 | 2.27  | PC/G  | 4.5%  | 0.44 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3196DU  |          | WP0123.0 | 8/22/96  | 0000029501 | 8/19/96  |
| SC-06911-S-EB | THORIUM-230 | 0    | 0    | 0.244 | PC/L  | N/A   | N/A  | *   | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9606173-11 | U        | TO0071.0 | 8/2/96   | 0000029502 | 8/19/96  |
| SC-06911-S-FR | THORIUM-230 | 2.60 | 0.12 | 2.27  | PC/G  | 1.1%  | 0.12 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3197    |          | WP0123.0 | 8/22/96  | 0000029503 | 8/19/96  |
| SC-06911-S-SD | THORIUM-230 | 1.50 | 0.39 | 0.07  | PC/G  | 54.7% | 3.17 | *   | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9606172-11 |          | TO0071.0 | 8/30/96  | 0000029506 | 8/19/96  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER   | CONC | ERR  | DL    | UNITS | RPD    | DER   | VAL QUAL | METHOD    | MATRIX        | CATEGORY      | DIL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|-------------|------|------|-------|-------|--------|-------|----------|-----------|---------------|---------------|-----|------------|----------|----------|----------|------------|----------|
| SC-06922-S    | THORIUM-230 | 2.81 | 0.18 | 2.27  | PCIG  | N/A    | N/A   | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3212    |          | WP0123.0 | 8/21/98  | 0000024550 | 8/19/98  |
| SC-06822-S-DU | THORIUM-230 | 2.77 | 0.13 | 2.270 | PCIG  | 4.9%   | 0.44  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3212DU  |          | WP0123.0 | 8/21/98  | 0000028507 | 8/19/98  |
| SC-06922-S-EB | THORIUM-230 | 0.26 | 0.30 | 0.397 | PCIL  | N/A    | N/A   | *        | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9608173-12 | U        | TO0071.0 | 9/2/98   | 0000028508 | 8/19/98  |
| SC-06822-S-FR | THORIUM-230 | 2.80 | 0.14 | 2.27  | PCIG  | 3.9%   | 0.33  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3213    |          | WP0123.0 | 8/21/98  | 0000029509 | 8/19/98  |
| SC-06922-S-SD | THORIUM-230 | 1.67 | 0.43 | 0.11  | PCIG  | 54.1%  | 2.77  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9608172-12 |          | TO0071.0 | 8/30/98  | 0000029512 | 8/19/98  |
| SC-07124-S    | THORIUM-230 | 1.16 | 0.13 | 0.72  | PCIG  | N/A    | N/A   | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3940    |          | WP0152.0 | 10/4/98  | 0000030432 | 10/1/98  |
| SC-07124-S-DU | THORIUM-230 | 1.04 | 0.11 | 0.720 | PCIG  | 10.8%  | 0.50  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3940DU  |          | WP0152.0 | 10/4/98  | 0000030439 | 10/1/98  |
| SC-07124-S-EB | THORIUM-230 | 0.49 | 0.14 | 0.088 | PCIL  | N/A    | N/A   | *        | HASL 300  | SURFACE WATER | RADIOCHEMICAL | 1   | 9610123-01 |          | GE2005.0 | 10/9/98  | 0000030475 | 10/1/98  |
| SC-07124-S-FR | THORIUM-230 | 1    | 0    | 0.720 | PCIG  | 17.8%  | 0.83  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3841    |          | WP0152.0 | 10/4/98  | 0000030442 | 10/1/98  |
| SC-07124-S-SD | THORIUM-230 | 3.41 | 0.65 | 0.18  | PCIG  | 98.5%  | 11.23 | *        | HASL 300  | SOIL          | RADIOCHEMICAL | 1   | 9610086-05 | B        | GE2002.0 | 10/9/98  | 0000030455 | 10/1/98  |
| SC-07129-S    | THORIUM-230 | 1.22 | 0.14 | 0.72  | PCIG  | N/A    | N/A   | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3441    |          | WP0132.0 | 8/30/98  | 0000024617 | 8/28/98  |
| SC-07129-S-DU | THORIUM-230 | 1    | 0    | 0.720 | PCIG  | 15.9%  | 0.87  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3441DU  |          | WP0132.0 | 8/30/98  | 0000031511 | 8/28/98  |
| SC-07130-S    | THORIUM-230 | 1.12 | 0.16 | 0.72  | PCIG  | N/A    | N/A   | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3442    |          | WP0132.0 | 8/31/98  | 0000024618 | 8/28/98  |
| SC-07130-S-DU | THORIUM-230 | 1    | 0    | 0.720 | PCIG  | 7.7%   | 0.30  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3442DU  |          | WP0132.0 | 8/31/98  | 0000031512 | 8/28/98  |
| SC-07221-C    | THORIUM-230 | 0.97 | 0.11 | 0.72  | PCIG  | N/A    | N/A   | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC4003    |          | WP0154.0 | 10/8/98  | 0000024635 | 10/2/98  |
| SC-07221-C-DU | THORIUM-230 | 0.77 | 0.07 | 0.72  | PCIG  | 23.0%  | 1.11  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC4003DU  |          | WP0154.0 | 10/8/98  | 0000030485 | 10/2/98  |
| SC-07221-C-EB | THORIUM-230 | 0.97 | 0.22 | 0.08  | PCIL  | N/A    | N/A   | *        | HASL 300  | SURFACE WATER | RADIOCHEMICAL | 1   | 9610123-02 |          | GE2005.0 | 10/9/98  | 0000030488 | 10/2/98  |
| SC-07221-C-FR | THORIUM-230 | 0.82 | 0.09 | 0.72  | PCIG  | 16.8%  | 0.75  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC4004    |          | WP0154.0 | 10/8/98  | 0000030487 | 10/2/98  |
| SC-07221-C-SD | THORIUM-230 | 3.30 | 0.59 | 0.14  | PCIG  | 100.1% | 12.52 | *        | HASL 300  | SOIL          | RADIOCHEMICAL | 1   | 9610123-03 |          | GE2005.0 | 10/9/98  | 0000030488 | 10/2/98  |
| SC-07317-S    | THORIUM-230 | 2.03 | 0.22 | 0.72  | PCIG  | N/A    | N/A   | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3877    |          | WP0148.0 | 8/28/98  | 0000024859 | 8/21/98  |
| SC-07317-S-DU | THORIUM-230 | 1.07 | 0.13 | 0.72  | PCIG  | 81.9%  | 2.74  | J        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3877DU  |          | WP0148.0 | 9/28/98  | 0000030243 | 8/21/98  |
| SC-07317-S-EB | THORIUM-230 | 0.35 | 0.32 | 0.18  | PCIL  | N/A    | N/A   | *        | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609150-04 | J        | TO0068.0 | 9/28/98  | 0000030242 | 8/21/98  |
| SC-07317-S-FR | THORIUM-230 | 1.04 | 0.12 | 0.72  | PCIG  | 84.6%  | 2.81  | J        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3878    |          | WP0148.0 | 9/27/98  | 0000030244 | 8/21/98  |
| SC-07317-S-SD | THORIUM-230 | 1.82 | 0.50 | 0.12  | PCIG  | 10.8%  | 0.47  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9609151-04 |          | TO0089.0 | 9/30/98  | 0000030247 | 8/21/98  |
| SC-07405-S    | THORIUM-230 | 1.13 | 0.18 | 0.04  | PCIG  | N/A    | N/A   | *        | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7835-8    |          | LK0460.0 | 8/4/98   | 0000024673 | 8/30/98  |
| SC-07405-S-DU | THORIUM-230 | 0.88 | 0.17 | 0.03  | PCIG  | 14.3%  | 0.43  | *        | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | 40983DUP1  |          | LK0460.0 | 8/4/98   | 0000028733 | 8/30/98  |
| SC-07405-S-EB | THORIUM-230 | 0.29 | 0.22 | 0.19  | PCIL  | N/A    | N/A   | *        | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609042-11 | J        | TO0075.0 | 9/19/98  | 0000029908 | 8/30/98  |
| SC-07405-S-FR | THORIUM-230 | 0.88 | 0.18 | 0.04  | PCIG  | 24.9%  | 0.74  | *        | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7835-9    |          | LK0460.0 | 8/4/98   | 0000028736 | 8/30/98  |
| SC-07405-S-MS | THORIUM-230 | 6.07 | 0.61 | 0.04  | PCIG  | N/A    | N/A   | *        | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | 40983MS1   |          | LK0460.0 | 8/4/98   | 0000029734 | 8/30/98  |
| SC-07405-S-SD | THORIUM-230 | 1.29 | 0.38 | 0.14  | PCIG  | 13.2%  | 0.34  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9609043-11 |          | TO0076.0 | 9/12/98  | 0000029934 | 8/30/98  |
| SC-07428-S    | THORIUM-230 | 0.84 | 0.17 | 0.04  | PCIG  | N/A    | N/A   | *        | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7835-29   |          | LK0460.0 | 8/4/98   | 0000024694 | 8/30/98  |
| SC-07428-S-DU | THORIUM-230 | 1.05 | 0.17 | 0.03  | PCIG  | 11.1%  | 0.35  | *        | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | 40984DUP1  |          | LK0460.0 | 8/4/98   | 0000029738 | 8/30/98  |
| SC-07428-S-EB | THORIUM-230 | 0    | 0    | 0.125 | PCIL  | N/A    | N/A   | *        | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609042-12 | U        | TO0075.0 | 9/19/98  | 0000029935 | 8/30/98  |
| SC-07428-S-FR | THORIUM-230 | 0.94 | 0.17 | 0.04  | PCIG  | 0.0%   | 0.00  | *        | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | L7835-30   |          | LK0460.0 | 8/4/98   | 0000029739 | 8/30/98  |
| SC-07428-S-MS | THORIUM-230 | 6.64 | 0.60 | 0.06  | PCIG  | N/A    | N/A   | *        | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | 40984MS1   |          | LK0460.0 | 8/4/98   | 0000029737 | 8/30/98  |
| SC-07428-S-SD | THORIUM-230 | 1.46 | 0.45 | 0.12  | PCIG  | 43.3%  | 1.38  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9609043-12 |          | TO0076.0 | 9/12/98  | 0000029936 | 8/30/98  |
| SC-07519-S    | THORIUM-230 | 1.17 | 0.13 | 0.72  | PCIG  | N/A    | N/A   | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3572    |          | WP0137.0 | 9/6/98   | 0000024713 | 8/5/98   |
| SC-07519-S-DU | THORIUM-230 | 1.09 | 0.11 | 0.72  | PCIG  | 7.1%   | 0.33  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3572DU  |          | WP0137.0 | 9/6/98   | 0000029928 | 8/5/98   |
| SC-07519-S-EB | THORIUM-230 | 0.09 | 0.13 | 0.205 | PCIL  | N/A    | N/A   | *        | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609048-06 | U        | TO0079.0 | 9/19/98  | 0000029970 | 8/5/98   |
| SC-07519-S-FR | THORIUM-230 | 1.13 | 0.13 | 0.72  | PCIG  | 3.5%   | 0.15  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3573    |          | WP0137.0 | 9/6/98   | 0000029930 | 8/5/98   |
| SC-07519-S-SD | THORIUM-230 | 1.92 | 0.57 | 0.07  | PCIG  | 48.5%  | 3.31  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9609049-06 |          | TO0079.0 | 9/23/98  | 0000029971 | 8/5/98   |
| SC-07613-S    | THORIUM-230 | 0.78 | 0.07 | 0.72  | PCIG  | N/A    | N/A   | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3505    |          | WP0135.0 | 9/5/98   | 0000024734 | 8/29/98  |
| SC-07613-S-DU | THORIUM-230 | 1    | 0    | 0.720 | PCIG  | 23.7%  | 1.17  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3505DU  |          | WP0135.0 | 9/5/98   | 0000029702 | 8/29/98  |
| SC-07613-S-EB | THORIUM-230 | 0.05 | 0.10 | 0.257 | PCIL  | N/A    | N/A   | *        | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609042-13 | U        | TO0075.0 | 9/19/98  | 0000029937 | 8/29/98  |
| SC-07613-S-FR | THORIUM-230 | 1    | 0    | 0.720 | PCIG  | 9.4%   | 0.54  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3508    |          | WP0135.0 | 9/5/98   | 0000029703 | 8/28/98  |
| SC-07613-S-SD | THORIUM-230 | 1.21 | 0.38 | 0.09  | PCIG  | 43.2%  | 2.18  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9609043-13 |          | TO0076.0 | 9/12/98  | 0000029938 | 8/29/98  |
| SC-07709-S    | THORIUM-230 | 0.93 | 0.11 | 0.72  | PCIG  | N/A    | N/A   | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3452    |          | WP0132.0 | 8/31/98  | 0000024762 | 8/28/98  |
| SC-07709-S-EB | THORIUM-230 | 0.24 | 0.20 | 0.22  | PCIL  | N/A    | N/A   | *        | EML TH-01 | SURFACE WATER | RADIOCHEMICAL | 1   | 9609042-14 | J        | TO0075.0 | 9/19/98  | 0000029939 | 8/28/98  |
| SC-07709-S-FR | THORIUM-230 | 0.84 | 0.10 | 0.720 | PCIG  | 10.2%  | 0.43  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | WSC3453    |          | WP0132.0 | 8/31/98  | 0000029881 | 8/28/98  |
| SC-07709-S-SD | THORIUM-230 | 1.57 | 0.47 | 0.06  | PCIG  | 51.2%  | 2.72  | *        | EML TH-01 | SOIL          | RADIOCHEMICAL | 1   | 9609043-14 |          | TO0076.0 | 9/12/98  | 0000029940 | 8/28/98  |
| SC-08807-S-MS | THORIUM-232 | 7.13 | 0.58 | 0.03  | PCIG  | N/A    | N/A   | *        | EPA 907.0 | SOIL          | RADIOCHEMICAL | 1   | 40678MS1   |          | LK0457.0 | 8/27/98  |            | 8/23/98  |
| SC-05102-S    | URANIUM-238 | 4.47 | 0.88 | 2.57  | PCIG  | N/A    | N/A   | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3575    |          | WP0138.0 | 10/24/98 | 0000029844 | 9/6/98   |
| SC-05102-S-DU | URANIUM-238 | ND   |      | 4.58  | PCIG  | NOTE1  | NOTE1 | *        | HASL300   | SOIL          | RADIOCHEMICAL | 1   | WSC3575DU  |          | WP0138.0 | 10/24/98 | 0000029852 | 9/6/98   |

**APPENDIX G TABLE G-1**

| WSSRAP ID     | PARAMETER   | CONC  | ERR  | DL    | UNITS | RPD   | DER   | VAL QUAL | METHOD   | MATRIX | CATEGORY      | DIL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK    | DATE SAM |
|---------------|-------------|-------|------|-------|-------|-------|-------|----------|----------|--------|---------------|-----|------------|----------|----------|----------|-------------|----------|
| SC-05102-S-FR | URANIUM-238 | ND    |      | 4.71  | PCMG  | NOTE1 | NOTE1 | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3578    |          | WP0138.0 | 10/24/96 | 0000022683  | 9/6/98   |
| SC-05102-S-SD | URANIUM-238 | 2.41  | 0.58 | 0.12  | PCMG  | 59.9% | 1.35  | *        | ENL U-02 | SOIL   | RADIOCHEMICAL | 1   | 9809049-04 |          | TO0079.0 | 9/19/96  | 00000229973 | 9/6/98   |
| SC-05214-S    | URANIUM-238 | ND    |      | 3.01  | PCMG  | N/A   | N/A   | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3784    |          | WP0144.0 | 10/28/96 | 0000022686  | 9/16/98  |
| SC-05214-S-DU | URANIUM-238 | ND    |      | 3.070 | PCMG  | NOTE1 | NOTE1 | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3784DU  |          | WP0144.0 | 10/28/96 | 0000030155  | 9/16/98  |
| SC-06214-S-FR | URANIUM-238 | ND    |      | 4.30  | PCMG  | NOTE1 | NOTE1 | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3783    |          | WP0144.0 | 10/28/96 | 0000030157  | 9/16/98  |
| SC-05214-S-SD | URANIUM-238 | 2.90  | 0.82 | 0.13  | PCMG  | NOTE1 | NOTE1 | *        | ENL U-02 | SOIL   | RADIOCHEMICAL | 1   | 9809148-04 |          | TO0067.0 | 10/19/96 | 0000030158  | 9/16/98  |
| SC-05418-S    | URANIUM-238 | ND    |      | 3.05  | PCMG  | N/A   | N/A   | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3785    |          | WP0145.0 | 10/28/96 | 0000023730  | 9/16/98  |
| SC-05418-S-FR | URANIUM-238 | ND    |      | 3.710 | PCMG  | NOTE1 | NOTE1 | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3786    |          | WP0146.0 | 10/28/96 | 0000030169  | 9/16/98  |
| SC-05418-S-SD | URANIUM-238 | 0.81  | 0.30 | 0.10  | PCMG  | NOTE1 | NOTE1 | *        | ENL U-02 | SOIL   | RADIOCHEMICAL | 1   | 9809148-05 |          | TO0067.0 | 10/19/96 | 0000030188  | 9/16/98  |
| SC-05419-S    | URANIUM-238 | ND    |      | 4.03  | PCMG  | N/A   | N/A   | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3787    |          | WP0145.0 | 9/19/96  | 0000023731  | 9/16/98  |
| SC-05419-S-DU | URANIUM-238 | ND    |      | 3.150 | PCMG  | NOTE1 | NOTE1 | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3787DU  |          | WP0145.0 | 9/20/96  | 0000031082  | 9/16/98  |
| SC-05502-S    | URANIUM-238 | 5.29  | 0.93 | 2.84  | PCMG  | N/A   | N/A   | A        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3319    |          | WP0127.0 | 8/25/96  | 0000023744  | 9/22/98  |
| SC-05502-S-DU | URANIUM-238 | 6.96  | 0.99 | 2.58  | PCMG  | 10.6% | 0.31  | A        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3319DU  |          | WP0127.0 | 8/25/96  | 0000028422  | 9/22/98  |
| SC-05502-S-FR | URANIUM-238 | 8.30  | 1.51 | 3.83  | PCMG  | 18.0% | 0.43  | A        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3320    |          | WP0127.0 | 8/25/96  | 0000028424  | 9/22/98  |
| SC-05502-S-SD | URANIUM-238 | 2.58  | 0.61 | 0.09  | PCMG  | 69.1% | 1.78  | *        | ENL U-02 | SOIL   | RADIOCHEMICAL | 1   | 9809043-04 |          | TO0078.0 | 9/12/96  | 0000028427  | 9/22/98  |
| SC-05617-S    | URANIUM-238 | 6.68  | 0.99 | 3.09  | PCMG  | N/A   | N/A   | A        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3334    |          | WP0127.0 | 8/25/96  | 0000023758  | 9/22/98  |
| SC-05617-S-DU | URANIUM-238 | 7     | 1    | 2.750 | PCMG  | 18.6% | 0.56  | A        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3334DU  |          | WP0127.0 | 8/25/96  | 0000028428  | 9/22/98  |
| SC-05617-S-FR | URANIUM-238 | 4.36  | 1.48 | 4.27  | PCMG  | 24.2% | 0.49  | A        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3335    |          | WP0127.0 | 8/25/96  | 0000028430  | 9/22/98  |
| SC-05617-S-SD | URANIUM-238 | 5.69  | 1.14 | 0.05  | PCMG  | 0.5%  | 0.03  | *        | ENL U-02 | SOIL   | RADIOCHEMICAL | 1   | 9809043-05 |          | TO0078.0 | 9/12/96  | 0000028433  | 9/22/98  |
| SC-05807-S    | URANIUM-238 | ND    |      | 3.35  | PCMG  | N/A   | N/A   | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3247    |          | WP0125.0 | 8/22/96  | 0000023773  | 9/21/98  |
| SC-05807-S-DU | URANIUM-238 | 2.87  | 0.87 | 2.45  | PCMG  | NOTE1 | NOTE1 | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3247DU  |          | WP0125.0 | 8/22/96  | 0000028434  | 9/21/98  |
| SC-05807-S-FR | URANIUM-238 | 1.89  | 0.65 | 2.810 | PCMG  | NOTE1 | NOTE1 | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3248    |          | WP0125.0 | 8/22/96  | 0000028436  | 9/21/98  |
| SC-05807-S-SD | URANIUM-238 | 4.80  | 1.00 | 0.14  | PCMG  | NOTE1 | NOTE1 | *        | ENL U02  | SOIL   | RADIOCHEMICAL | 1   | 9809172-04 |          | TO0071.0 | 8/30/96  | 0000028438  | 9/21/98  |
| SC-05821-S    | URANIUM-238 | 6.43  | 1.45 | 3.48  | PCMG  | N/A   | N/A   | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3262    |          | WP0125.0 | 8/24/96  | 0000023787  | 9/21/98  |
| SC-05821-S-FR | URANIUM-238 | 5.23  | 0.87 | 2.50  | PCMG  | 20.8% | 0.52  | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3263    |          | WP0125.0 | 8/24/96  | 0000028442  | 9/21/98  |
| SC-05821-S-SD | URANIUM-238 | 0.28  | 1.33 | 0.18  | PCMG  | 2.4%  | 0.14  | *        | ENL U02  | SOIL   | RADIOCHEMICAL | 1   | 9809172-05 |          | TO0071.0 | 9/1/96   | 0000028444  | 9/21/98  |
| SC-05704-S    | URANIUM-238 | ND    |      | 4.55  | PCMG  | N/A   | N/A   | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3268    |          | WP0125.0 | 8/25/96  | 0000023795  | 9/21/98  |
| SC-05704-S-DU | URANIUM-238 | ND    |      | 4.91  | PCMG  | NOTE1 | NOTE1 | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3269DU  |          | WP0125.0 | 8/25/96  | 0000028446  | 9/21/98  |
| SC-05704-S-FR | URANIUM-238 | 2.47  | 0.83 | 2.190 | PCMG  | NOTE1 | NOTE1 | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3270    |          | WP0125.0 | 8/26/96  | 0000028447  | 9/21/98  |
| SC-05809-S    | URANIUM-238 | 17.80 | 1.87 | 3.54  | PCMG  | N/A   | N/A   | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3363    |          | WP0128.0 | 8/25/96  | 0000024088  | 9/22/98  |
| SC-05908-S-DU | URANIUM-238 | 20    | 2    | 3.710 | PCMG  | 10.6% | 0.49  | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3353DU1 |          | WP0128.0 | 8/25/96  | 0000028453  | 9/22/98  |
| SC-05809-S-FR | URANIUM-238 | 13.70 | 2.06 | 4.84  | PCMG  | 24.8% | 0.98  | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3354    |          | WP0128.0 | 8/25/96  | 0000028484  | 9/22/98  |
| SC-05908-S-SD | URANIUM-238 | 16.50 | 2.83 | 0.11  | PCMG  | 5.6%  | 1.64  | *        | ENL U-02 | SOIL   | RADIOCHEMICAL | 1   | 9809043-06 |          | TO0078.0 | 9/12/96  | 0000028457  | 9/22/98  |
| SC-05902-S    | URANIUM-238 | ND    |      | 3.18  | PCMG  | N/A   | N/A   | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3391    |          | WP0130.0 | 9/30/96  | 0000024098  | 9/23/98  |
| SC-05902-S-DU | URANIUM-238 | ND    |      | 2.930 | PCMG  | NOTE1 | NOTE1 | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3391DU  |          | WP0130.0 | 10/17/96 | 0000023481  | 9/23/98  |
| SC-05902-S-FR | URANIUM-238 | 2.40  | 0.80 | 2.65  | PCMG  | NOTE1 | NOTE1 | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3392    |          | WP0130.0 | 9/30/96  | 0000028462  | 9/23/98  |
| SC-05902-S-SD | URANIUM-238 | 4.16  | 0.80 | 0.09  | PCMG  | NOTE1 | NOTE1 | *        | ENL U-02 | SOIL   | RADIOCHEMICAL | 1   | 9809043-07 |          | TO0078.0 | 9/12/96  | 0000028460  | 9/23/98  |
| SC-05912-S    | URANIUM-238 | 2.75  | 0.65 | 2.22  | PCMG  | N/A   | N/A   | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3408    |          | WP0130.0 | 8/27/96  | 0000024100  | 9/23/98  |
| SC-05912-S-DU | URANIUM-238 | 3.23  | 0.87 | 2.03  | PCMG  | 16.1% | 0.38  | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3409DU  |          | WP0130.0 | 8/27/96  | 0000028465  | 9/23/98  |
| SC-05912-S-FR | URANIUM-238 | 2.62  | 1.25 | 3.910 | PCMG  | 8.7%  | 0.12  | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3407    |          | WP0130.0 | 8/27/96  | 0000028467  | 9/23/98  |
| SC-05912-S-SD | URANIUM-238 | 3.14  | 0.79 | 0.12  | PCMG  | 13.2% | 0.47  | *        | ENL U-02 | SOIL   | RADIOCHEMICAL | 1   | 9809043-08 |          | TO0078.0 | 9/12/96  | 0000028470  | 9/23/98  |
| SC-06001-S    | URANIUM-238 | ND    |      | 3.24  | PCMG  | N/A   | N/A   | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3884    |          | WP0149.0 | 11/10/96 | 0000024108  | 9/30/98  |
| SC-06001-S-DU | URANIUM-238 | ND    |      | 3.340 | PCMG  | NOTE1 | NOTE1 | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3884DU  |          | WP0149.0 | 11/10/96 | 0000028575  | 9/30/98  |
| SC-06001-S-FR | URANIUM-238 | ND    |      | 4.17  | PCMG  | NOTE1 | NOTE1 | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3885    |          | WP0149.0 | 11/10/96 | 0000028573  | 9/30/98  |
| SC-06001-S-SD | URANIUM-238 | 0.75  | 0.33 | 0.18  | PCMG  | NOTE1 | NOTE1 | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | 9810886-02 | J        | GE2002.0 | 10/8/96  | 0000030459  | 9/30/98  |
| SC-06017-S    | URANIUM-238 | ND    |      | 2.86  | PCMG  | N/A   | N/A   | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3783    |          | WP0145.0 | 9/20/96  | 0000024126  | 9/18/98  |
| SC-06017-S-DU | URANIUM-238 | NO    |      | 3.04  | PCMG  | NOTE1 | NOTE1 | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3783DU  |          | WP0145.0 | 9/20/96  | 0000031853  | 9/18/98  |
| SC-06101-S    | URANIUM-238 | 3.93  | 1.29 | 3.82  | PCMG  | N/A   | N/A   | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3797    |          | WP0148.0 | 10/30/96 | 0000024130  | 9/19/98  |
| SC-06101-S-DU | URANIUM-238 | 0.72  | 1.39 | 3.05  | PCMG  | 62.2% | 1.19  | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3787DU  |          | WP0148.0 | 10/30/96 | 0000028562  | 9/19/98  |
| SC-06101-S-FR | URANIUM-238 | 6.13  | 1.10 | 3.32  | PCMG  | 37.0% | 0.87  | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3799    |          | WP0146.0 | 10/30/96 | 0000028561  | 9/19/98  |
| SC-06101-S-SD | URANIUM-238 | 7.03  | 1.44 | 0.09  | PCMG  | 88.3% | 3.81  | *        | ENL U-02 | SOIL   | RADIOCHEMICAL | 1   | 9809148-06 |          | TO0067.0 | 10/19/96 | 0000028578  | 9/19/98  |
| SC-06203-S    | URANIUM-238 | 7.11  | 1.50 | 4.23  | PCMG  | N/A   | N/A   | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC4139    |          | WP0160.0 | 11/18/96 | 0000024151  | 10/6/98  |
| SC-06203-S-DU | URANIUM-238 | 6.45  | 1.48 | 3.69  | PCMG  | 9.7%  | 0.22  | *        | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC4139DU  |          | WP0180.0 | 11/18/96 | 0000029589  | 10/6/98  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER   | CONC  | ERR  | DL    | UNITS | RPD   | DER   | VAL | METHOD   | MATRIX | CATEGORY      | DIL | LAB ID     | LAB QUAL | LAB REQ  | DATE ANA | SAMPLE INK | DATE SAM |
|---------------|-------------|-------|------|-------|-------|-------|-------|-----|----------|--------|---------------|-----|------------|----------|----------|----------|------------|----------|
| SC-06203-S-FR | URANIUM-238 | 6.61  | 1.00 | 2.73  | PCI/G | 7.3%  | 0.20  | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC4140    |          | WP0160.0 | 11/18/96 | 0000029587 | 10/8/96  |
| SC-06203-S-SD | URANIUM-238 | 6.66  | 0.72 | 0.13  | PCI/G | 6.2%  | 0.21  | *   | EPA 908  | SOIL   | RADIOCHEMICAL | 1   | 9610283-02 |          | GE2011.0 | 10/21/96 | 0000029584 | 10/8/96  |
| SC-06218-S    | URANIUM-238 | 7.92  | 1.21 | 3.09  | PCI/G | N/A   | N/A   | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC4151    |          | WP0160.0 | 11/18/96 | 0000029593 | 10/8/96  |
| SC-06218-S-DU | URANIUM-238 | 9.70  | 1.54 | 4.130 | PCI/G | 20.2% | 0.65  | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC4151DU  |          | WP0160.0 | 11/18/96 | 0000029593 | 10/8/96  |
| SC-06218-S-FR | URANIUM-238 | 2.85  | 1.50 | 4.77  | PCI/G | 94.2% | 1.87  | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC4152    |          | WP0160.0 | 11/18/96 | 0000029594 | 10/8/96  |
| SC-06218-S-SD | URANIUM-238 | 11.20 | 1.15 | 0.15  | PCI/G | 34.3% | 3.12  | *   | EPA 908  | SOIL   | RADIOCHEMICAL | 1   | 9610283-04 |          | GE2011.0 | 10/21/96 | 0000029590 | 10/8/96  |
| SC-06317-S    | URANIUM-238 | 5.34  | 0.89 | 2.41  | PCI/G | N/A   | N/A   | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3813    |          | WP0148.0 | 11/4/96  | 0000029597 | 9/19/96  |
| SC-06317-S-DU | URANIUM-238 | 3.84  | 0.78 | 2.52  | PCI/G | 32.7% | 0.90  | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3813DU  |          | WP0148.0 | 11/4/96  | 0000029597 | 9/19/96  |
| SC-06317-S-FR | URANIUM-238 | ND    |      | 4.78  | PCI/G | NOTE1 | NOTE1 | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3814    |          | WP0146.0 | 11/4/96  | 0000029598 | 9/19/96  |
| SC-06317-S-SD | URANIUM-238 | 4.07  | 0.89 | 0.10  | PCI/G | 27.0% | 1.27  | *   | EML U-02 | SOIL   | RADIOCHEMICAL | 1   | 9609146-07 |          | TO0087.0 | 10/1/96  | 0000029596 | 9/19/96  |
| SC-06408-C    | URANIUM-238 | ND    |      | 4.30  | PCI/G | N/A   | N/A   | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3836    |          | WP0147.0 | 11/15/96 | 0000024204 | 9/19/96  |
| SC-06408-C-DU | URANIUM-238 | ND    |      | 4.29  | PCI/G | NOTE1 | NOTE1 | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3836DU  |          | WP0147.0 | 11/15/96 | 0000029603 | 9/19/96  |
| SC-06408-C-FR | URANIUM-238 | ND    |      | 4.21  | PCI/G | NOTE1 | NOTE1 | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3837    |          | WP0147.0 | 11/8/96  | 0000029604 | 9/19/96  |
| SC-06408-C-SD | URANIUM-238 | 2.48  | 0.58 | 0.04  | PCI/G | NOTE1 | NOTE1 | *   | EML U-02 | SOIL   | RADIOCHEMICAL | 1   | 9609146-08 |          | TO0087.0 | 10/1/96  | 0000029602 | 9/19/96  |
| SC-06422-S    | URANIUM-238 | ND    |      | 3.35  | PCI/G | N/A   | N/A   | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3857    |          | WP0147.0 | 11/8/96  | 0000024228 | 9/19/96  |
| SC-06422-S-DU | URANIUM-238 | ND    |      | 3.330 | PCI/G | NOTE1 | NOTE1 | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3857DU  |          | WP0147.0 | 11/8/96  | 0000029608 | 9/19/96  |
| SC-06422-S-FR | URANIUM-238 | 5.53  | 1.40 | 4.49  | PCI/G | NOTE1 | NOTE1 | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3858    |          | WP0147.0 | 11/8/96  | 0000029610 | 9/19/96  |
| SC-06422-S-SD | URANIUM-238 | 3.40  | 0.72 | 0.10  | PCI/G | NOTE1 | NOTE1 | *   | EML U-02 | SOIL   | RADIOCHEMICAL | 1   | 9609146-09 |          | TO0087.0 | 10/1/96  | 0000029608 | 9/19/96  |
| SC-06512-S    | URANIUM-238 | 8.54  | 1.49 | 3.80  | PCI/G | N/A   | N/A   | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3434    |          | WP0132.0 | 9/30/96  | 0000024441 | 8/28/96  |
| SC-06512-S-FR | URANIUM-238 | 14.20 | 1.66 | 2.840 | PCI/G | 49.8% | 1.80  | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3435    |          | WP0132.0 | 9/30/96  | 0000029618 | 8/28/96  |
| SC-06512-S-SD | URANIUM-238 | 12.80 | 2.28 | 0.11  | PCI/G | 38.9% | 8.52  | *   | EML U-02 | SOIL   | RADIOCHEMICAL | 1   | 9609043-06 |          | TO0076.0 | 9/12/96  | 0000029614 | 8/28/96  |
| SC-06606-S    | URANIUM-238 | ND    |      | 3.04  | PCI/G | N/A   | N/A   | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3295    |          | WP0126.0 | 9/25/96  | 0000024481 | 8/21/96  |
| SC-06606-S-DU | URANIUM-238 | ND    |      | 3.10  | PCI/G | NOTE1 | NOTE1 | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3295DU  |          | WP0126.0 | 10/10/96 | 0000029471 | 8/21/96  |
| SC-06606-S-FR | URANIUM-238 | ND    |      | 4.04  | PCI/G | NOTE1 | NOTE1 | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3298    |          | WP0126.0 | 9/25/96  | 0000029473 | 8/21/96  |
| SC-06606-S-SD | URANIUM-238 | 1.54  | 0.44 | 0.05  | PCI/G | NOTE1 | NOTE1 | *   | EML U02  | SOIL   | RADIOCHEMICAL | 1   | 9608172-07 |          | TO0071.0 | 9/2/96   | 0000029476 | 8/21/96  |
| SC-06619-S    | URANIUM-238 | 6.37  | 1.35 | 4.00  | PCI/G | N/A   | N/A   | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3311    |          | WP0126.0 | 9/26/96  | 0000024478 | 8/21/96  |
| SC-06619-S-DU | URANIUM-238 | 5.06  | 0.81 | 2.17  | PCI/G | 22.8% | 0.55  | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3311DU  |          | WP0126.0 | 10/10/96 | 0000029477 | 8/21/96  |
| SC-06619-S-FR | URANIUM-238 | 5.06  | 0.91 | 1.880 | PCI/G | 22.8% | 0.53  | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3312    |          | WP0126.0 | 9/26/96  | 0000029479 | 8/21/96  |
| SC-06619-S-SD | URANIUM-238 | 3.88  | 0.89 | 0.12  | PCI/G | 48.6% | 1.42  | *   | EML U02  | SOIL   | RADIOCHEMICAL | 1   | 9608172-08 |          | TO0071.0 | 8/2/96   | 0000029482 | 8/21/96  |
| SC-06713-S    | URANIUM-238 | ND    |      | 2.82  | PCI/G | N/A   | N/A   | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3230    |          | WP0124.0 | 8/21/96  | 0000024491 | 8/19/96  |
| SC-06713-S-DU | URANIUM-238 | ND    |      | 2.82  | PCI/G | NOTE1 | NOTE1 | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3230DU  |          | WP0124.0 | 8/21/96  | 0000029483 | 8/19/96  |
| SC-06713-S-FR | URANIUM-238 | ND    |      | 2.78  | PCI/G | NOTE1 | NOTE1 | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3231    |          | WP0124.0 | 8/21/96  | 0000029485 | 8/19/96  |
| SC-06713-S-SD | URANIUM-238 | 1.31  | 0.39 | 0.10  | PCI/G | NOTE1 | NOTE1 | *   | EML U02  | SOIL   | RADIOCHEMICAL | 1   | 9608172-09 |          | TO0071.0 | 9/2/96   | 0000029488 | 8/19/96  |
| SC-06807-S    | URANIUM-238 | ND    |      | 3.88  | PCI/G | N/A   | N/A   | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3373    |          | WP0129.0 | 8/28/96  | 0000024506 | 8/23/96  |
| SC-06807-S-DU | URANIUM-238 | ND    |      | 4.170 | PCI/G | NOTE1 | NOTE1 | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3373DU  |          | WP0129.0 | 8/28/96  | 0000029489 | 8/23/96  |
| SC-06807-S-FR | URANIUM-238 | 5.29  | 0.95 | 2.58  | PCI/G | NOTE1 | NOTE1 | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3374    |          | WP0129.0 | 8/26/96  | 0000029491 | 8/23/96  |
| SC-06807-S-SD | URANIUM-238 | 5.82  | 1.16 | 0.13  | PCI/G | NOTE1 | NOTE1 | *   | EML U-02 | SOIL   | RADIOCHEMICAL | 1   | 9609043-10 |          | TO0076.0 | 9/12/96  | 0000029494 | 8/23/96  |
| SC-06901-S    | URANIUM-238 | 21.00 | 2.85 | 5.49  | PCI/G | N/A   | N/A   | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3169    |          | WP0122.0 | 8/20/96  | 0000024521 | 8/19/96  |
| SC-06901-S-DU | URANIUM-238 | 23.70 | 2.58 | 3.810 | PCI/G | 12.1% | 0.50  | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3169DU  |          | WP0122.0 | 9/20/96  | 0000029485 | 8/19/96  |
| SC-06901-S-FR | URANIUM-238 | 19.20 | 2.64 | 5.230 | PCI/G | 9.0%  | 0.33  | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3170    |          | WP0122.0 | 8/20/96  | 0000029497 | 8/19/96  |
| SC-06901-S-SD | URANIUM-238 | 19.80 | 3.72 | 0.11  | PCI/G | 5.8%  | 1.57  | *   | EML U02  | SOIL   | RADIOCHEMICAL | 1   | 9608172-10 |          | TO0071.0 | 9/2/96   | 0000029500 | 8/19/96  |
| SC-06911-S    | URANIUM-238 | 1.65  | 0.51 | 2.01  | PCI/G | N/A   | N/A   | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3196    |          | WP0123.0 | 8/22/96  | 0000024538 | 8/19/96  |
| SC-06911-S-DU | URANIUM-238 | 2     | 1    | 2.090 | PCI/G | 5.0%  | 0.15  | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3196DU  |          | WP0123.0 | 8/22/96  | 0000029501 | 8/19/96  |
| SC-06911-S-FR | URANIUM-238 | ND    |      | 3.01  | PCI/G | NOTE1 | NOTE1 | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3197    |          | WP0123.0 | 8/21/96  | 0000029503 | 8/19/96  |
| SC-06911-S-SD | URANIUM-238 | 1.83  | 0.47 | 0.13  | PCI/G | 10.3% | 0.17  | *   | EML U02  | SOIL   | RADIOCHEMICAL | 1   | 9608172-11 |          | TO0071.0 | 9/2/96   | 0000029506 | 8/19/96  |
| SC-06922-S    | URANIUM-238 | ND    |      | 3.73  | PCI/G | N/A   | N/A   | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3212    |          | WP0123.0 | 8/20/96  | 0000024550 | 8/19/96  |
| SC-06922-S-DU | URANIUM-238 | ND    |      | 3.806 | PCI/G | NOTE1 | NOTE1 | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3212DU  |          | WP0123.0 | 8/20/96  | 0000029507 | 8/19/96  |
| SC-06922-S-FR | URANIUM-238 | ND    |      | 4.03  | PCI/G | NOTE1 | NOTE1 | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3213    |          | WP0123.0 | 8/20/96  | 0000029509 | 8/19/96  |
| SC-06922-S-SD | URANIUM-238 | 1.94  | 0.50 | 0.10  | PCI/G | NOTE1 | NOTE1 | *   | EML U02  | SOIL   | RADIOCHEMICAL | 1   | 9608172-12 |          | TO0071.0 | 9/2/96   | 0000029512 | 8/19/96  |
| SC-07105-S    | URANIUM-238 | 2.80  | 1.06 | 3.12  | PCI/G | N/A   | N/A   | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3920    |          | WP0151.0 | 11/11/96 | 0000024593 | 10/1/96  |
| SC-07105-S-DU | URANIUM-238 | ND    |      | 4.34  | PCI/G | NOTE1 | NOTE1 | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3920DU  |          | WP0151.0 | 11/11/96 | 0000030433 | 10/1/96  |
| SC-07105-S-FR | URANIUM-238 | 3     | 1    | 2.420 | PCI/G | 8.6%  | 0.15  | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3921    |          | WP0151.0 | 11/11/96 | 0000030441 | 10/1/96  |
| SC-07105-S-SD | URANIUM-238 | 1.93  | 0.52 | 0.22  | PCI/G | 40.2% | 0.48  | *   | HASL300  | SOIL   | RADIOCHEMICAL | 1   | 9610088-04 |          | GE2002.0 | 10/8/96  | 0000030438 | 10/1/96  |

APPENDIX G TABLE G-1

| WSSRAP ID     | PARAMETER   | CONC  | ERR  | DL    | UNITS | RPO   | DER   | VAL | QUAL | METHOD   | MATRIX | CATEGORY      | DIL | LAB ID     | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK   | DATE SAM |
|---------------|-------------|-------|------|-------|-------|-------|-------|-----|------|----------|--------|---------------|-----|------------|----------|----------|----------|------------|----------|
| SC-07124-S    | URANIUM-238 | 8.24  | 1.70 | 3.87  | PC/G  | N/A   | N/A   | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3840    |          | WP0152.0 | 11/11/98 | 0000030432 | 10/1/98  |
| SC-07124-S-DU | URANIUM-238 | 8.02  | 0.91 | 2.290 | PC/G  | 48.8% | 1.23  | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3640DU  |          | WP0152.0 | 11/21/98 | 0000030439 | 10/1/98  |
| SC-07124-S-FR | URANIUM-238 | 8     | 1    | 2.900 | PC/G  | 37.8% | 0.98  | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3841    |          | WP0152.0 | 11/11/98 | 0000030442 | 10/1/98  |
| SC-07124-S-SD | URANIUM-238 | 4.20  | 1.12 | 0.40  | PC/G  | 85.0% | 2.86  | *   | *    | HASL 300 | SOIL   | RADIOCHEMICAL | 1   | 9810086-06 |          | GE2002.0 | 10/9/98  | 0000030455 | 10/1/98  |
| SC-07129-S    | URANIUM-238 | ND    |      | 3.77  | PC/G  | N/A   | N/A   | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3441    |          | WP0132.0 | 9/30/98  | 0000024817 | 8/28/98  |
| SC-07129-S-DU | URANIUM-238 | ND    |      | 4.04  | PC/G  | NOTE1 | NOTE1 | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3441DU  |          | WP0132.0 | 9/30/98  | 0000031511 | 8/28/98  |
| SC-07130-S    | URANIUM-238 | ND    |      | 3.33  | PC/G  | N/A   | N/A   | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3442    |          | WP0132.0 | 9/30/98  | 0000024818 | 8/28/98  |
| SC-07130-S-DU | URANIUM-238 | ND    |      | 3.120 | PC/G  | NOTE1 | NOTE1 | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3442DU  |          | WP0132.0 | 9/30/98  | 0000031512 | 8/28/98  |
| SC-07221-C    | URANIUM-238 | ND    |      | 3.09  | PC/G  | N/A   | N/A   | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC4003    |          | WP0154.0 | 11/11/98 | 0000024835 | 10/2/98  |
| SC-07221-C-DU | URANIUM-238 | ND    |      | 3.090 | PC/G  | NOTE1 | NOTE1 | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC4003DU  |          | WP0154.0 | 11/12/98 | 0000030465 | 10/2/98  |
| SC-07221-C-FR | URANIUM-238 | ND    |      | 3.09  | PC/G  | NOTE1 | NOTE1 | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC4004    |          | WP0154.0 | 11/12/98 | 0000030467 | 10/2/98  |
| SC-07221-C-SD | URANIUM-238 | 2.98  | 0.52 | 0.20  | PC/G  | NOTE1 | NOTE1 | *   | *    | HASL 300 | SOIL   | RADIOCHEMICAL | 1   | 9810123-03 |          | GE2006.0 | 10/6/98  | 0000030468 | 10/2/98  |
| SC-07317-S    | URANIUM-238 | 16.30 | 2.35 | 4.75  | PC/G  | N/A   | N/A   | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3877    |          | WP0148.0 | 11/8/98  | 0000024869 | 9/21/98  |
| SC-07317-S-DU | URANIUM-238 | 17.20 | 2.48 | 4.880 | PC/G  | 5.4%  | 0.19  | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3877DU  |          | WP0148.0 | 11/8/98  | 0000030243 | 9/21/98  |
| SC-07317-S-FR | URANIUM-238 | 14.70 | 1.87 | 3.85  | PC/G  | 10.3% | 0.38  | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3878    |          | WP0148.0 | 11/8/98  | 0000030244 | 9/21/98  |
| SC-07317-S-SD | URANIUM-238 | 13.80 | 2.38 | 0.10  | PC/G  | 15.9% | 2.43  | *   | *    | EML U-02 | SOIL   | RADIOCHEMICAL | 1   | 9808151-04 |          | TO0089.0 | 10/1/98  | 0000030247 | 9/21/98  |
| SC-07405-S    | URANIUM-238 | 5.63  | 1.40 | 4.43  | PC/G  | N/A   | N/A   | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3525    |          | WP0138.0 | 10/22/98 | 0000024873 | 8/30/98  |
| SC-07405-S-DU | URANIUM-238 | 8     | 2    | 4.530 | PC/G  | 34.4% | 0.78  | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3525DU  |          | WP0138.0 | 10/22/98 | 0000029733 | 8/30/98  |
| SC-07405-S-FR | URANIUM-238 | 3.08  | 0.87 | 3.100 | PC/G  | 58.9% | 1.12  | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3528    |          | WP0138.0 | 10/22/98 | 0000029736 | 8/30/98  |
| SC-07405-S-SD | URANIUM-238 | 8.80  | 1.24 | 0.09  | PC/G  | 20.3% | 1.12  | *   | *    | EML U-02 | SOIL   | RADIOCHEMICAL | 1   | 9808043-11 |          | TO0078.0 | 9/12/98  | 0000029834 | 8/30/98  |
| SC-07428-S    | URANIUM-238 | ND    |      | 4.04  | PC/G  | N/A   | N/A   | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3547    |          | WP0138.0 | 10/24/98 | 0000024884 | 8/30/98  |
| SC-07428-S-DU | URANIUM-238 | ND    |      | 2.99  | PC/G  | NOTE1 | NOTE1 | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3547DU  |          | WP0138.0 | 10/24/98 | 0000029738 | 8/30/98  |
| SC-07428-S-FR | URANIUM-238 | ND    |      | 3.790 | PC/G  | NOTE1 | NOTE1 | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3548    |          | WP0138.0 | 10/24/98 | 0000029739 | 8/30/98  |
| SC-07428-S-SD | URANIUM-238 | 1.28  | 0.38 | 0.09  | PC/G  | NOTE1 | NOTE1 | *   | *    | EML U-02 | SOIL   | RADIOCHEMICAL | 1   | 9808043-12 |          | TO0078.0 | 9/12/98  | 0000029836 | 8/30/98  |
| SC-07519-S    | URANIUM-238 | 5.87  | 1.10 | 3.71  | PC/G  | N/A   | N/A   | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3572    |          | WP0137.0 | 10/24/98 | 0000024713 | 8/5/98   |
| SC-07519-S-DU | URANIUM-238 | 4.82  | 1.23 | 4.06  | PC/G  | 14.2% | 0.32  | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3672DU  |          | WP0137.0 | 10/24/98 | 0000029828 | 8/5/98   |
| SC-07519-S-FR | URANIUM-238 | 7     | 1    | 2.340 | PC/G  | 21.7% | 0.58  | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3573    |          | WP0137.0 | 10/24/98 | 0000029830 | 8/5/98   |
| SC-07519-S-SD | URANIUM-238 | 3.72  | 0.84 | 0.06  | PC/G  | 41.5% | 1.48  | *   | *    | EML U-02 | SOIL   | RADIOCHEMICAL | 1   | 9808048-08 |          | TO0079.0 | 8/19/98  | 0000029871 | 8/5/98   |
| SC-07813-S    | URANIUM-238 | ND    |      | 3.33  | PC/G  | N/A   | N/A   | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3505    |          | WP0135.0 | 10/21/98 | 0000024734 | 8/29/98  |
| SC-07813-S-DU | URANIUM-238 | ND    |      | 3.18  | PC/G  | NOTE1 | NOTE1 | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3505DU  |          | WP0135.0 | 10/21/98 | 0000029702 | 8/29/98  |
| SC-07813-S-FR | URANIUM-238 | ND    |      | 4.170 | PC/G  | NOTE1 | NOTE1 | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3506    |          | WP0135.0 | 10/21/98 | 0000029703 | 8/29/98  |
| SC-07813-S-SD | URANIUM-238 | 1.83  | 0.41 | 0.09  | PC/G  | NOTE1 | NOTE1 | *   | *    | EML U-02 | SOIL   | RADIOCHEMICAL | 1   | 9808043-13 |          | TO0078.0 | 9/12/98  | 0000029838 | 8/29/98  |
| SC-07709-S    | URANIUM-238 | ND    |      | 4.14  | PC/G  | N/A   | N/A   | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3452    |          | WP0132.0 | 9/30/98  | 0000024762 | 8/28/98  |
| SC-07709-S-FR | URANIUM-238 | ND    |      | 3.44  | PC/G  | NOTE1 | NOTE1 | *   | *    | HASL300  | SOIL   | RADIOCHEMICAL | 1   | WSC3453    |          | WP0132.0 | 9/30/98  | 0000029861 | 8/28/98  |
| SC-07709-S-SD | URANIUM-238 | 1.61  | 0.42 | 0.08  | PC/G  | NOTE1 | NOTE1 | *   | *    | EML U-02 | SOIL   | RADIOCHEMICAL | 1   | 9808043-14 |          | TO0078.0 | 9/12/98  | 0000029840 | 8/28/98  |

APPENDIX G TABLE G-1

| WSSRAP ID      | PARAMETER  | CONC | ERR | DL | UNITS | RPD | DER | VAL QUAL | METHOD | MATRIX | CATEGORY | DIL | LAB ID | LAB QUAL | LAB REQU | DATE ANA | SAMPLINK | DATE SAM |
|----------------|--|------|-----|----|-------|-----|-----|----------|--------|--------|----------|-----|--------|----------|----------|----------|----------|----------|
| <b>LEGEND:</b> |  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| WSSRAP ID      | WSSRAP IDENTIFICATION CODE   |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| PARAMETER      | PARAMETER THAT WAS ANALYZED  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| CONC           | CONCENTRATION (ND = NON-DETECTED)  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| ERR            | ANALYTICAL ERROR   |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| DL             | DETECTION LIMIT  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| UNITS          | APPROPRIATE UNITS  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| %RPD           | RELATIVE PERCENT DIFFERENCE  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| DER            | DERIVED ERROR RATIO  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| VAL QUAL       | VALIDATION QUALIFIER:  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
|                | A = DATA MEETING ALL QA/QC REQUIREMENTS. THE PARAMETER WAS ANALYZED FOR AND DETECTED.  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
|                | U = DATA MEETING ALL QA/QC REQUIREMENTS. THE PARAMETER WAS ANALYZED FOR BUT NOT DETECTED. IF A NUMBER IS INCLUDED WITH THE QUALIFIER, THE DL HAS BEEN RAISED TO THE LEVEL IN THE SAMPLE DUE TO BLANK CONTAMINATION |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
|                | J = DATA THAT ARE AN ESTIMATE OR ARE ADEQUATE FOR A SEMI-QUANTITATIVE ASSESSMENT.  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
|                | UJ = THE PARAMETER WAS ANALYZED FOR, BUT WAS NOT DETECTED. THE ASSOCIATED VALUE IS AN ESTIMATED QUANTITY.  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
|                | N = PRESUMPTIVE EVIDENCE OF PRESENCE OF PARAMETER WITH NO ESTIMATION OF QUANTITY.  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
|                | NJ = PRESUMPTIVE EVIDENCE OF PRESENCE OF PARAMETER AT AN ESTIMATED QUANTITY.   |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
|                | DL = DETECTION LIMIT REQUIREMENTS HAVE NOT BEEN MET. DATA QUALITY OBJECTIVES MAY NOT BE MET.   |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
|                | UI = UNCERTAIN IDENTIFICATION OF THE PARAMETER.  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
|                | JE = THE RADIOLOGICAL UNCERTAINTY IS AN ESTIMATED QUANTITY.  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
|                | R = DATA THE ATE UNUSABLE (PARAMETER MAY OR MAY NOT BE PRESENT).   |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
|                | * = DATA THAT HAVE BEEN VALIDATED.   |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
|                | V = DATA THAT APPEAR TO BE VALID BASED ON SIMILAR DATA FROM IDENTICAL SAMPLING LOCATIONS OR BY COMPARISON TO HISTORICAL RECORDS.   |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
|                | O = DATA THAT ARE ON HOLD  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
|                | X = DATA THAT CANNOT BE VALIDATED DUE TO MISSING LABORATORY INFORMATION.   |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| METHOD         | ANALYTICAL METHOD  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| MATRIX         | SAMPLE MATRIX  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| CATEGORY       | ANALYTICAL CATEGORY  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| DIL            | DILUTION FACTOR  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| LAB ID         | IDENTIFICATION GIVEN BY THE LAB  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| LAB QUAL       | LABORATORY QUALIFIER   |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| LAB REQU       | LABORATORY REQUEST NUMBER  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| DATE ANA       | DATE ANALYZED  |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| SAMPLINK       | SAMPLE LINK NUMBER   |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |
| DATE SAM       | DATE SAMPLED   |      |     |    |       |     |     |          |        |        |          |     |        |          |          |          |          |          |

APPENDIX H  
Precision and Accuracy Comparison Tables

**Appendix H Table H-1**  
**Data Quality Requirement Goals for analytical data**

| Category       | Analytical Parameter           | Precision*<br>(soil)<br>RPD (%) | Precision*<br>(soil)<br>DER | Accuracy<br>(soil)<br>REC (%) | Precision*<br>(water)<br>RPD (%) | Precision*<br>(water)<br>DER | Accuracy<br>(water)<br>REC (%) |
|----------------|--------------------------------|---------------------------------|-----------------------------|-------------------------------|----------------------------------|------------------------------|--------------------------------|
| Radiological   | Natural Uranium, U-235, U-238  | ≤ 50                            | 1.00                        | +/- 30                        | ≤ 20                             | 1.00                         | +/- 25                         |
|                | Ra-226, Ra-228, Th-230, Th-232 | ≤ 50                            | 1.00                        | +/- 30                        | ≤ 20                             | 1.00                         | +/- 25                         |
|                | Gross Alpha, Gross Beta        | ≤ 50                            | 1.00                        | +/- 30                        | ≤ 20                             | 1.00                         | +/- 25                         |
| Nitroaromatics | All                            | ≤ 35                            | N/A                         | +/- 25                        | ≤ 20                             | N/A                          | +/- 25                         |
| Anions         | NO3, NO2, CL, F, SO4           | ≤ 35                            | N/A                         | +/- 50                        | ≤ 20                             | N/A                          | +/- 25                         |
| Metals         | All                            | ≤ 35                            | N/A                         | +/- 25                        | ≤ 20                             | N/A                          | +/- 25                         |
| Volatiles      | All                            | ≤ 35                            | N/A                         | +/- 40                        | ≤ 20                             | N/A                          | +/- 25                         |
| Semi-Volatiles | All                            | ≤ 35                            | N/A                         | +/- 40                        | ≤ 20                             | N/A                          | +/- 25                         |
| PAHs           | All                            | ≤ 35                            | N/A                         | +/- 40                        | ≤ 20                             | N/A                          | +/- 25                         |
| Pest/PCBs      | All                            | ≤ 35                            | N/A                         | +/- 40                        | ≤ 20                             | N/A                          | +/- 25                         |
| All Others     |                                | ≤ 50                            | N/A                         | +/- 50                        | ≤ 20                             | N/A                          | +/- 25                         |

\* Not valid for values ≤ 5 \* Detection Limit

**Appendix H Table H-2**  
**Comparison of Data Quality Requirement Goals With Matrix Duplicate Samples**

| Parameter   | Number of |         | RPD       |         | DER       |         | Evaluation and Summary of Detects   |
|-------------|-----------|---------|-----------|---------|-----------|---------|---|
|             | Samples   | Detects | Range     | Average | Range     | Average |   |
| ARSENIC     | 28        | 27      | 1.1-45.0% | 15.2%   | N/A       | N/A     | 1 PA OR DU $\leq$ 5*DL, OR =ND<br>23 PA & DU $>$ 5*DL, RPD $\leq$ 35%<br>4 PA & DU $>$ 5*DL, RPD $>$ 35%  |
| CHROMIUM    | 28        | 28      | 0.0-21.3% | 7.9%    | N/A       | N/A     | 0 PA OR DU $\leq$ 5*DL, OR =ND<br>28 PA & DU $>$ 5*DL, RPD $\leq$ 35%<br>2 PA & DU $>$ 5*DL, RPD $>$ 35%  |
| LEAD        | 28        | 28      | 0.0-82.7% | 19.0%   | N/A       | N/A     | 2 PA OR DU $\leq$ 5*DL, OR =ND<br>25 PA & DU $>$ 5*DL, RPD $\leq$ 35%<br>3 PA & DU $>$ 5*DL, RPD $>$ 35%  |
| RADIUM-226  | 22        | 22      | 0.0-36.7% | 8.8%    | 0.0-1.88  | 0.52    | 22 PA OR DU $\leq$ 5*DL, OR =ND<br>0 PA & DU $>$ 5*DL, RPD $\leq$ 50%, DER $\leq$ 1<br>0 PA & DU $>$ 5*DL, RPD $>$ 50%, DER $\leq$ 1<br>0 PA & DU $>$ 5*DL, RPD $\leq$ 50%, DER $>$ 1<br>0 PA & DU $>$ 5*DL, RPD $>$ 50%, DER $>$ 1 |
| RADIUM-228  | 22        | 19      | 1.5-33.2% | 11.4%   | 0.08-1.87 | 0.52    | 22 PA OR DU $\leq$ 5*DL, OR =ND<br>0 PA & DU $>$ 5*DL, RPD $\leq$ 50%, DER $\leq$ 1<br>0 PA & DU $>$ 5*DL, RPD $>$ 50%, DER $\leq$ 1<br>0 PA & DU $>$ 5*DL, RPD $\leq$ 50%, DER $>$ 1<br>0 PA & DU $>$ 5*DL, RPD $>$ 50%, DER $>$ 1 |
| THALLIUM    | 6         | 1       | N/A       | N/A     | N/A       | N/A     | 6 PA OR DU $\leq$ 5*DL, OR =ND<br>0 PA & DU $>$ 5*DL, RPD $\leq$ 35%<br>0 PA & DU $>$ 5*DL, RPD $>$ 35%   |
| THORIUM-230 | 31        | 31      | 0.7-81.9% | 12.7%   | 0.03-10.4 | 1.01    | 25 PA OR DU $\leq$ 5*DL, OR =ND<br>5 PA & DU $>$ 5*DL, RPD $\leq$ 50%, DER $\leq$ 1<br>0 PA & DU $>$ 5*DL, RPD $>$ 50%, DER $\leq$ 1<br>1 PA & DU $>$ 5*DL, RPD $\leq$ 50%, DER $>$ 1<br>0 PA & DU $>$ 5*DL, RPD $>$ 50%, DER $>$ 1 |
| URANIUM-238 | 35        | 15      | 5.0-82.2% | 21.6%   | 0.15-1.23 | 0.55    | 35 PA OR DU $\leq$ 5*DL, OR =ND<br>0 PA & DU $>$ 5*DL, RPD $\leq$ 50%, DER $\leq$ 1<br>0 PA & DU $>$ 5*DL, RPD $>$ 50%, DER $\leq$ 1<br>0 PA & DU $>$ 5*DL, RPD $\leq$ 50%, DER $>$ 1<br>0 PA & DU $>$ 5*DL, RPD $>$ 50%, DER $>$ 1 |

PA = RESPECTIVE PARENT SAMPLE  
DU = MATRIX DUPLICATE SAMPLE  
DER = DUPLICATE ERROR RATIO  
RPD = RELATIVE PERCENT DIFFERENCE  
DL = DETECTION LIMIT

**Appendix H Table H-3**  
**Comparison of Data Quality Requirement Goals with Secondary Duplicate samples**

| Parameter               | Number of |         | RPD         |         | DER       |         | Evaluation and Summary of Detects   |
|-------------------------|-----------|---------|-------------|---------|-----------|---------|---|
|                         | Samples   | Detects | Range       | Average | Range     | Average |   |
| AROCLO-1248             | 30        | 0       | N/A         | N/A     | N/A       | N/A     | 30 PA OR SD <=5*DL, OR =ND<br>0 PA & SD >5*DL, RPD<=35%<br>0 PA & SD >5*DL, RPD >35%  |
| AROCLO-1254             | 30        | 4       | 14.3-109.9% | 60.9%   | N/A       | N/A     | 28 PA OR SD <=5*DL, OR =ND<br>1 PA & SD >5*DL, RPD<=35%<br>1 PA & SD >5*DL, RPD >35%  |
| AROCLO-1260             | 30        | 0       | N/A         | N/A     | N/A       | N/A     | 30 PA OR SD <=5*DL, OR =ND<br>0 PA & SD >5*DL, RPD<=35%<br>0 PA & SD >5*DL, RPD >35%  |
| ARSENIC                 | 27        | 27      | 2.3-77.2%   | 40.6%   | N/A       | N/A     | 8 PA OR SD <=5*DL, OR =ND<br>7 PA & SD >5*DL, RPD<=35%<br>12 PA & SD >5*DL, RPD >35%  |
| BENZO(A)-ANTHRACENE     | 7         | 1       | 18.9-18.9%  | 18.9%   | N/A       | N/A     | 6 PA OR SD <=5*DL, OR =ND<br>1 PA & SD >5*DL, RPD<=35%<br>0 PA & SD >5*DL, RPD >35%   |
| BENZO(A)-PYRENE         | 7         | 1       | 61.5-61.5%  | 61.5%   | N/A       | N/A     | 6 PA OR SD <=5*DL, OR =ND<br>0 PA & SD >5*DL, RPD<=35%<br>1 PA & SD >5*DL, RPD >35%   |
| BENZO(B)-FLUORANTHENE   | 7         | 1       | 11.5-11.5%  | 11.5%   | N/A       | N/A     | 6 PA OR SD <=5*DL, OR =ND<br>1 PA & SD >5*DL, RPD<=35%<br>0 PA & SD >5*DL, RPD >35%   |
| BENZO(K)-FLUORANTHENE   | 7         | 1       | 98.3-98.3%  | 98.3%   | N/A       | N/A     | 7 PA OR SD <=5*DL, OR =ND<br>0 PA & SD >5*DL, RPD<=35%<br>0 PA & SD >5*DL, RPD >35%   |
| CHROMIUM                | 28        | 28      | 1.8-195.7%  | 42.0%   | N/A       | N/A     | 1 PA OR SD <=5*DL, OR =ND<br>14 PA & SD >5*DL, RPD<=35%<br>13 PA & SD >5*DL, RPD >35%   |
| CHRYSENE                | 7         | 0       | N/A         | N/A     | N/A       | N/A     | 7 PA OR SD <=5*DL, OR =ND<br>0 PA & SD >5*DL, RPD<=35%<br>0 PA & SD >5*DL, RPD >35%   |
| INDENO(1,2,3-CD)-PYRENE | 7         | 1       | 28.6-28.6%  | 28.6%   | N/A       | N/A     | 7 PA OR SD <=5*DL, OR =ND<br>0 PA & SD >5*DL, RPD<=35%<br>0 PA & SD >5*DL, RPD >35%   |
| LEAD                    | 28        | 28      | 1.3-80.2%   | 30.5%   | N/A       | N/A     | 0 PA OR SD <=5*DL, OR =ND<br>22 PA & SD >5*DL, RPD<=35%<br>6 PA & SD >5*DL, RPD >35%  |
| RADIUM-226              | 22        | 22      | 11.0-162.4% | 102.1%  | 0.26-5.63 | 1.47    | 20 PA OR SD <=5*DL, OR =ND<br>1 PA & SD >5*DL, RPD<=50%, DER <=1<br>0 PA & SD >5*DL, RPD >50%, DER <=1<br>0 PA & SD >5*DL, RPD <=50%, DER >1<br>1 PA & SD >5*DL, RPD >50%, DER >1 |
| RADIUM-228              | 22        | 19      | 1.5-193.6%  | 46.2%   | 0.09-5.09 | 1.83    | 22 PA OR SD <=5*DL, OR =ND<br>0 PA & SD >5*DL, RPD<=50%, DER <=1<br>0 PA & SD >5*DL, RPD >50%, DER <=1<br>0 PA & SD >5*DL, RPD <=50%, DER >1<br>0 PA & SD >5*DL, RPD >50%, DER >1 |
| THALLIUM                | 4         | 0       | N/A         | N/A     | N/A       | N/A     | 4 PA OR SD <=5*DL, OR =ND<br>0 PA & SD >5*DL, RPD<=35%<br>0 PA & SD >5*DL, RPD >35%   |
| THORIUM-230             | 29        | 29      | 8.5-111.3%  | 52.5%   | 0.24-27.7 | 4.13    | 25 PA OR SD <=5*DL, OR =ND<br>3 PA & SD >5*DL, RPD<=50%, DER <=1<br>0 PA & SD >5*DL, RPD >50%, DER <=1<br>1 PA & SD >5*DL, RPD <=50%, DER >1<br>0 PA & SD >5*DL, RPD >50%, DER >1 |
| URANIUM-238             | 34        | 19      | 0.5-88.1%   | 30.2%   | 0.03-6.52 | 1.67    | 34 PA OR SD <=5*DL, OR =ND<br>0 PA & SD >5*DL, RPD<=50%, DER <=1<br>0 PA & SD >5*DL, RPD >50%, DER <=1<br>0 PA & SD >5*DL, RPD <=50%, DER >1<br>0 PA & SD >5*DL, RPD >50%, DER >1 |

PA = RESPECTIVE PARENT SAMPLE  
SD = SECONDARY DUPLICATE SAMPLE  
DER = DUPLICATE ERROR RATIO  
RPD = RELATIVE PERCENT DIFFERENCE  
DL = DETECTION LIMIT

**Appendix H Table H-4**  
**Comparison of Data Quality Requirement Goals with Field Replicate Samples**

| Parameter               | Number of |         | RPD        |         | DER       |         | Evaluation and Summary of Detects   |
|-------------------------|-----------|---------|------------|---------|-----------|---------|---|
|                         | Samples   | Detects | Range      | Average | Range     | Average |   |
| AROCLOR-1248            | 30        | 1       | N/A        | N/A     | N/A       | N/A     | 30 PA OR FR <=5*DL, OR =ND<br>0 PA & FR >5*DL, RPD<=35%<br>0 PA & FR >5*DL, RPD >35%  |
| AROCLOR-1254            | 30        | 7       | 6.9-120.0% | 44.0%   | N/A       | N/A     | 28 PA OR FR <=5*DL, OR =ND<br>2 PA & FR >5*DL, RPD<=35%<br>0 PA & FR >5*DL, RPD >35%  |
| AROCLOR-1260            | 30        | 0       | N/A        | N/A     | N/A       | N/A     | 30 PA OR FR <=5*DL, OR =ND<br>0 PA & FR >5*DL, RPD<=35%<br>0 PA & FR >5*DL, RPD >35%  |
| ARSENIC                 | 28        | 27      | 4.5-143.4% | 29.3%   | N/A       | N/A     | 2 PA OR FR <=5*DL, OR =ND<br>19 PA & FR >5*DL, RPD<=35%<br>7 PA & FR >5*DL, RPD >35%  |
| BENZO(A)-ANTHRACENE     | 7         | 3       | 16.7-114.9 | 90.1%   | N/A       | N/A     | 5 PA OR FR <=5*DL, OR =ND<br>1 PA & FR >5*DL, RPD<=35%<br>1 PA & FR >5*DL, RPD >35%   |
| BENZO(A)-PYRENE         | 7         | 4       | 32.4-47.9% | 40.1%   | N/A       | N/A     | 8 PA OR FR <=5*DL, OR =ND<br>0 PA & FR >5*DL, RPD<=35%<br>1 PA & FR >5*DL, RPD >35%   |
| BENZO(B)-FLUORANTHENE   | 7         | 3       | 28.6-42.5% | 35.5%   | N/A       | N/A     | 6 PA OR FR <=5*DL, OR =ND<br>0 PA & FR >5*DL, RPD<=35%<br>1 PA & FR >5*DL, RPD >35%   |
| BENZO(K)-FLUORANTHENE   | 7         | 1       | 41.7-41.7% | 41.7%   | N/A       | N/A     | 7 PA OR FR <=5*DL, OR =ND<br>0 PA & FR >5*DL, RPD<=35%<br>0 PA & FR >5*DL, RPD >35%   |
| CHROMIUM                | 28        | 28      | 0.0-32.0%  | 14.0%   | N/A       | N/A     | PA OR FR <=5*DL, OR =ND<br>28 PA & FR >5*DL, RPD<=35%<br>0 PA & FR >5*DL, RPD >35%  |
| CHRYSENE                | 7         | 1       | 42.4-42.4% | 42.4%   | N/A       | N/A     | 7 PA OR FR <=5*DL, OR =ND<br>0 PA & FR >5*DL, RPD<=35%<br>0 PA & FR >5*DL, RPD >35%   |
| INDENO(1,2,3-CD)-PYRENE | 7         | 1       | 21.6-21.8% | 21.6%   | N/A       | N/A     | 7 PA OR FR <=5*DL, OR =ND<br>0 PA & FR >5*DL, RPD<=35%<br>0 PA & FR >5*DL, RPD >35%   |
| LEAD                    | 28        | 27      | 3.2-91.1%  | 33.9%   | N/A       | N/A     | 1 PA OR FR <=5*DL, OR =ND<br>15 PA & FR >5*DL, RPD<=35%<br>12 PA & FR >5*DL, RPD >35%   |
| RADIUM-226              | 23        | 23      | 0.6-30.9%  | 8.1%    | 0.04-1.82 | 0.45    | 23 PA OR FR <=5*DL, OR =ND<br>0 PA & FR >5*DL, RPD<=50%, DER <=1<br>0 PA & FR >5*DL, RPD >50%, DER <=1<br>0 PA & FR >5*DL, RPD <=50%, DER >1<br>0 PA & FR >5*DL, RPD >50%, DER >1 |
| RADIUM-228              | 23        | 20      | 0.6-38.8%  | 12.3%   | 0.03-1.80 | 0.51    | 23 PA OR FR <=5*DL, OR =ND<br>0 PA & FR >5*DL, RPD<=50%, DER <=1<br>0 PA & FR >5*DL, RPD >50%, DER <=1<br>0 PA & FR >5*DL, RPD <=50%, DER >1<br>0 PA & FR >5*DL, RPD >50%, DER >1 |
| THALLIUM                | 6         | 1       | N/A        | N/A     | N/A       | N/A     | 6 PA OR FR <=5*DL, OR =ND<br>0 PA & FR >5*DL, RPD<=35%<br>0 PA & FR >5*DL, RPD >35%   |
| THORIUM-230             | 32        | 32      | 0.0-64.5%  | 15.0%   | 0.00-2.91 | 0.72    | 26 PA OR FR <=5*DL, OR =ND<br>5 PA & FR >5*DL, RPD<=50%, DER <=1<br>0 PA & FR >5*DL, RPD >50%, DER <=1<br>0 PA & FR >5*DL, RPD <=50%, DER >1<br>1 PA & FR >5*DL, RPD >50%, DER >1 |
| URANIUM-238             | 35        | 21      | 7.3-84.2%  | 28.3%   | 0.12-1.87 | 0.70    | 35 PA OR FR <=5*DL, OR =ND<br>0 PA & FR >5*DL, RPD<=50%, DER <=1<br>0 PA & FR >5*DL, RPD >50%, DER <=1<br>0 PA & FR >5*DL, RPD <=50%, DER >1<br>0 PA & FR >5*DL, RPD >50%, DER >1 |

PA = RESPECTIVE PARENT SAMPLE  
FR = FIELD REPLICATE SAMPLE  
DER = DUPLICATE ERROR RATIO  
RPD = RELATIVE PERCENT DIFFERENCE  
DL = DETECTION LIMIT

**Appendix H Table H-5**  
**Comparison of Data Quality Requirement Goals with Matrix Spike Duplicate Samples**

| Parameter                   | Number of |         | RPD       |         | DER   |         | Evaluation and Summary of Detects  |
|-----------------------------|-----------|---------|-----------|---------|-------|---------|--|
|                             | Samples   | Detects | Range     | Average | Range | Average |  |
| AROCLOR-1240                | 30        | 30      | 0.0-37.5% | 8.3%    | N/A   | N/A     | 22 PA OR MD $\leq$ 5*DL, OR =ND<br>8 PA & MD > 5*DL, RPD $\leq$ 35%<br>2 PA & MD > 5*DL, RPD > 35% |
| BENZO(A)-<br>ANTHRACENE     | 7         | 7       | 3.6-18.2% | 9.6%    | N/A   | N/A     | 0 PA OR MD $\leq$ 5*DL, OR =ND<br>7 PA & MD > 5*DL, RPD $\leq$ 35%<br>0 PA & MD > 5*DL, RPD > 35%  |
| BENZO(A)-<br>PYRENE         | 7         | 7       | 0.0-20.0% | 9.2%    | N/A   | N/A     | 0 PA OR MD $\leq$ 5*DL, OR =ND<br>7 PA & MD > 5*DL, RPD $\leq$ 35%<br>0 PA & MD > 5*DL, RPD > 35%  |
| BENZO(B)-<br>FLUORANTHENE   | 7         | 7       | 0.0-18.2% | 8.7%    | N/A   | N/A     | 0 PA OR MD $\leq$ 5*DL, OR =ND<br>7 PA & MD > 5*DL, RPD $\leq$ 35%<br>0 PA & MD > 5*DL, RPD > 35%  |
| BENZO(K)-<br>FLUORANTHENE   | 7         | 7       | 0.0-15.0% | 8.3%    | N/A   | N/A     | 0 PA OR MD $\leq$ 5*DL, OR =ND<br>7 PA & MD > 5*DL, RPD $\leq$ 35%<br>0 PA & MD > 5*DL, RPD > 35%  |
| CHRYSENE                    | 7         | 7       | 0.0-18.2% | 6.1%    | N/A   | N/A     | 7 PA OR MD $\leq$ 5*DL, OR =ND<br>3 PA & MD > 5*DL, RPD $\leq$ 35%<br>0 PA & MD > 5*DL, RPD > 35%  |
| INDENO(1,2,3-CD)-<br>PYRENE | 7         | 7       | 3.0-25.6% | 10.0%   | N/A   | N/A     | 0 PA OR MD $\leq$ 5*DL, OR =ND<br>7 PA & MD > 5*DL, RPD $\leq$ 35%<br>0 PA & MD > 5*DL, RPD > 35%  |

PA = RESPECTIVE PARENT SAMPLE  
MD = MATRIX SPIKE DUPLICATE SAMPLE  
DER = DUPLICATE ERROR RATIO  
RPD = RELATIVE PERCENT DIFFERENCE  
DL = DETECTION LIMIT

**Appendix H Table H-6**  
**Comparison of Data Quality Requirement Goals with Matrix Spike Samples**

| PARAMETER              | Number of |         | REC          |         | Evaluation and<br>Summary of Detects |
|------------------------|-----------|---------|--------------|---------|--------------------------------------|
|                        | Samples   | Detects | Range        | Average |                                      |
| AROCOR-1280            | 30        | 30      | 61.0-141.0%  | 92.2%   | 29 REC +/- 40%<br>1 REC > +/- 40%    |
| ARSENIC                | 28        | 28      | 28.0-108.0%  | 99.6%   | 27 REC +/- 25%<br>1 REC > +/- 25%    |
| BENZO(A)ANTHRACENE     | 7         | 7       | 0.0-82.0%    | 60.6%   | 6 REC +/- 40%<br>1 REC > +/- 40%     |
| BENZO(A)PYRENE         | 7         | 7       | 55.0-75.0%   | 67.1%   | 5 REC +/- 40%<br>2 REC > +/- 40%     |
| BENZO(B)FLUORANTHENE   | 7         | 7       | 62.0-83.0%   | 74.4%   | 7 REC +/- 40%<br>0 REC > +/- 40%     |
| BENZO(K)FLUORANTHENE   | 7         | 7       | 61.0-80.0%   | 70.0%   | 7 REC +/- 40%<br>0 REC > +/- 40%     |
| CHROMIUM               | 28        | 28      | 72.0-119.0%  | 95.1%   | 27 REC +/- 25%<br>1 REC > +/- 25%    |
| CHRYSENE               | 7         | 7       | 64.0-85.0%   | 74.4%   | 7 REC +/- 40%<br>0 REC > +/- 40%     |
| INDENO(1,2,3-CD)PYRENE | 7         | 7       | 60.0-84.0%   | 72.7%   | 7 REC +/- 40%<br>0 REC > +/- 40%     |
| LEAD                   | 28        | 28      | 68.0-105.0%  | 90.9%   | 28 REC +/- 25%<br>2 REC > +/- 25%    |
| THALLIUM               | 6         | 6       | 70.0-94.0%   | 88.0%   | 5 REC +/- 25%<br>1 REC > +/- 25%     |
| THORIUM-230            | 5         | 5       | 69.0-95.0%   | 86.2%   | 4 REC +/- 30%<br>1 REC > +/- 30%     |
| THORIUM-232            | 1         | 1       | 106.0-106.0% | 106.0%  | 1 REC +/- 30%<br>0 REC > +/- 30%     |